

TOWN OF  
READING  
MASSACHUSETTS

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THE ANNUAL  
REPORT

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OF RECEIPTS  
AND EXPENDITURES

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For the Financial Year  
Ending December 31st

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# TOWN OF READING

## ANNUAL REPORT

—OF—

# Receipts and Expenditures

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—FOR THE—

FINANCIAL YEAR ENDED DECEMBER 31

1916



W. E. & J. F. TWOMBLY  
PRINTERS  
READING, MASS.



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## TOWN OFFICERS 1916-1917

### Selectmen and Fence Viewers

EDGAR O. DEWEY, *Chairman*

EDWIN L. HUTCHINSON, *Secretary*

OTIS B. RUGGLES

### Town Accountant

JOHN H. SHELDON . . . . Term expires 1917

### Overseers of the Poor

EDGAR O. DEWEY, *Chairman*

EDWIN L. HUTCHINSON, *Secretary*

OTIS B. RUGGLES

### Assessors

MILLARD F. CHARLES, *Chairman* . Term expires 1918

GEORGE E. HORROCKS, *Secretary* . " " 1919

ARDINE M. ALLEN . . . . " " 1917

### Town Clerk

MILLARD F. CHARLES

### Treasurer

WARD C. MANSFIELD

### Collector of Taxes

HERBERT M. VIAL

### Board of Health

EDWARD M. HALLIGAN, *Chairman* . Term expires 1919

GEORGE L. FLINT, *Secretary* . . " " 1918

CALVERT H. PLAYDON . . . . " " 1917

### School Committee

WALTER S. PARKER, <i>Chairman</i>	.	.	Term expires	1917
JESSE W. MORTON	.	.	" "	1919
IDA A. YOUNG	.	.	" "	1919
WILLIAM R. CLARKE	.	.	" "	1917
ARTHUR N. MANSFIELD	.	.	" "	1918
ELIZABETH H. BROWN	.	.	" "	1918
ADELBERT L. SAFFORD, <i>Supt. of Schools, Sec'y</i>				

### Water Commissioners

HENRY R. JOHNSON, <i>Chairman</i>	.	.	Term expires	1919
EDGAR N. HUNT, <i>Secretary</i>	.	.	" "	1918
HARVEY A. BANCROFT	.	.	" "	1917

### Sewer Commissioners

CHARLES R. HERRICK, <i>Chairman</i>	.	.	Term expires	1917
HARVEY A. BANCROFT, <i>Secretary</i>	.	.	" "	1918
JOHN W. OWEN	.	.	" "	1919

### Municipal Light Board

CARL M. SPENCER, <i>Chairman</i>	.	.	Term expires	1917
GEORGE L. FLINT, <i>Secretary</i>	.	.	" "	1918
FRANK E. CRAFTS	.	.	" "	1919

### Planning Board

JAMES P. CARLETON, *Chairman*  
 CHESTER J. WALLACE, *Secretary*  
 RAYMOND B. TEMPLE  
 LEONE F. QUIMBY  
 CLARENCE C. WHITE

### Trustees of Public Library

HORACE G. WADLIN, <i>Chairman</i>	.	.	Term expires	1919
ARTHUR N. MANSFIELD, <i>Secretary</i>	.	.	" "	1918
RALPH S. KENEELY	.	.	" "	1919
HARRY P. BOSSON	.	.	" "	1917
CHARLES F. DOUGHTY	.	.	" "	1918
FRANK C. CARTER	.	.	" "	1917

### Trustees of Laurel Hill Cemetery

GALEN A. PARKER, <i>Chairman</i>	.	.	.	Term expires 1917
ALFRED W. DANFORTH, <i>Supt. and Sec'y</i>	"	"	"	1918
FRANK L. EDGERLEY	.	.	.	1919
JAMES H. CARLETON	.	.	.	1918
CHARLES W. LEE	.	.	.	1919
ALVAH W. CLARK	.	.	.	1917

### Registrars

MILLARD F. CHARLES, *Clerk*

OWEN McKENNEY                      WALTER S. PRENTISS  
ARTHUR C. COPELAND

### Engineers of Fire Department

ORVILLE O. ORDWAY, *Chief*

WILLIAM R. ZWICKER, *Clerk*

EDWARD B. EAMES

### Superintendent of Fire Alarm

LEONARD T. EAMES

### Forest Warden

HERBERT E. McINTIRE

### Deputies

JOHN N. WESTON                      GEORGE F. BLANCHARD

WILLARD A. BANCROFT              A. E. BATCHELDER

WILLIAM W. NEWHOUSE

### Police

WILLIAM E. SWAIN, *Chief and Keeper of Lock-Up*

JEREMIAH CULLINANE, JR.              OSCAR H. LOWE

GEORGE C. STOCK

**Specials**

WILLIAM F. WELCH	J. W. SIAS
ARDINE M. ALLEN	WILLIAM C. McKINLEY
SAMUEL BROWN	WILLIAM H. KILLAM
JESSE N. HUTCHINSON	DAVID J. WHELTON
WILLIAM C. CRAM	CLEMENT GLEASON
WILLIAM QUILLEN	*WILLIAM KIDDER
THOMAS M. PALMER	WILLARD A. BANCROFT
WM. J. MURPHY	TIMOTHY J. CULLINANE
EDWARD H. CROWE	

**Truant Officer**

*WILLIAM KIDDER	WILLIAM H. KILLAM
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**Superintendent of Streets**

W. C. H. STEVENSON

**Local Superintendent of Moth Work**

HENRY M. DONEGAN

**Superintendent of Town Home**

L. A. DEMING

**Inspector of Milk**

CARL M. SMITH

**Inspector of Plumbing**

DAVID TAGGART

**Inspector of Animals**

CALVERT H. PLAYDON, M. D. V.

**Inspector of Wires**

ARTHUR G. SIAS

**Inspector of Buildings**

ROBERT E. PARKER

\*Deceased

### Board of Appeal

MAHLON E. BRANDE

JAMES H. CARLETON

CHARLES VAN STONE

### Sealer of Weights and Measures

CHARLES E. MELLEN

### Burial Agent of Deceased Soldiers and Sailors

WILLIAM H. FISH

### Tree Warden

HENRY M. DONEGAN

### Finance Committee

CHARLES A. LORING, <i>Chairman</i> ,	Term expires	Apr. 30, 1917
FREDERICK L. SPRINGFORD, <i>Sec'y</i>	" "	Dec. 31, 1917
JOHN CONNELLY . . . .	" "	" 1918
MARTIN B. HARTSHORN . . .	" "	" 1918
FRANK W. PARSONS . . . .	" "	Apr. 30, 1917
WILFRED A. BANCROFT . . .	" "	" 1917
SOLOM BANCROFT . . . .	" "	" 1917
FRANK F. STROUT . . . .	" "	Dec. 31, 1917
WINTHROP D. PARKER . . .	" "	" 1917
ADELBERT E. BATCHELDER . .	" "	" 1917
ELIAS B. CURRELL . . . .	" "	" 1917
JAMES H. REMICK . . . .	" "	" 1918
ARTHUR H. JEWETT . . . .	" "	" 1918
WILLIAM S. DENNISON . . .	" "	" 1918
CLARENCE C. WHITE . . . .	" "	Apr. 30, 1917
JOHN H. SHELDON, Town Accountant, Ex-officio		

### Playground Commission

HARRY E. HURD, *Chairman*

STANLEY R. STEMBRIDGE, *Secretary*

CARL B. SAWYER

CHARLES H. STINCHFIELD

HAROLD F. PARKER

### **Measurers of Wood and Bark**

CHARLES W. LEE	WENDELL BANCROFT
PERCY N. SWEETSER	BURTON K. SYMONDS
WARREN M. WHITEHOUSE	

### **Surveyors of Lumber**

WARREN M. WHITEHOUSE	SAMUEL BROWN
WILLIAM R. ZWICKER	BURTON K. SYMONDS
GEORGE L. FLINT	

### **Weighers of Coal and Hay**

CHARLES W. LEE	PERCY N. SWEETSER
WILLIAM H. WHITE	GEORGE DANE
ERNEST SURRETTE	FRED M. PLATTS
MABEL L. MACKAY	

### **Field Drivers**

WILLARD A. BANCROFT	WILLIAM F. WELCH
ARDINE M. ALLEN	

### **Town Counsel**

JESSE W. MORTON

### **Workingmen's Compensation Agent**

WARD C. MANSFIELD

## TOWN MEETINGS, 1916

### ANNUAL TOWN MEETING AND ELECTION

LOWER LYCEUM HALL, READING, MASS., March 6, 1916.

Pursuant to a warrant and the Constable's return thereon, a town meeting was held at the place and time therein specified and was called to order by the Town Clerk, Millard F. Charles. Prayer was offered by Rev. Frank M. Holt. The warrant was partly read, when it was moved by Otis B. Ruggles and voted that further reading of the warrant be dispensed with, except the Constable's return. The Constable's return was then read.

The following ballot clerks and tellers were duly sworn: Leslie A. Nichols, Bartholomew J. Lehan, Samuel Rounds, George P. Forbes, George M. Hutchinson, Chester C. Richardson, James H. Connelly, Daniel L. Sullivan, James A. Freeman, Bernard T. Granfield, John D. Canty, Richard N. B. Wilson and Percy L. Horrocks.

Article 1. To choose a Moderator to preside at said meeting.

The ballot was duly opened and closed, with the following result: whole number of votes cast, 40; necessary for a choice, 21; George P. Abbott received 19, Jesse W. Morton received 21, and Jesse W. Morton was declared elected Moderator.

Article 2. To see if the Town will vote to adjourn this meeting after the completion of the business under Article 3, to Monday, March 13, 1916, at 7.45 P. M., in Lyceum Hall, or what it will do in relation thereto.

On motion of Edwin L. Hutchinson, it was voted that when this meeting adjourns it adjourns to meet in Lyceum Hall, at 7.45 o'clock P. M., on March 13, 1916.



Article 3. To bring in their votes on one ballot for Town Clerk, Selectmen, Overseers of the Poor, Treasurer, Collector of Taxes, one member of the Board of Assessors for three years, two Constables, one Water Commissioner for three years, one member of the Municipal Light Board for three years, one member of the Board of Health for three years, two Trustees of Laurel Hill Cemetery for three years, two Trustees of the Public Library for three years, two members of the School Committee for three years, one member of the School Committee for one year, one Sewer Commissioner for three years, Tree Warden for one year, five members of the Planning Board for one year; also, on the same ballot, yes or no, in answer to the following question: Shall licenses be granted for the sale of intoxicating liquors in this Town?

The ballots for Town Officers were delivered to the Moderator, taking his receipt for the same.

The ballot box was examined and found empty and the polls were duly declared open.

On motion of Otis B. Ruggles, it was voted to close the polls at four o'clock and thirty minutes past.

The polls were duly closed at time voted, four o'clock and thirty minutes past.

The ballot box registered 1030 as having voted. The check list showed that 1030 had voted — 1008 men and 22 women. The tellers reported 1030 votes counted, viz.: 1008 men and 22 women.

Following is the result as declared by the Moderator:

#### TOWN CLERK, ONE YEAR

Millard F. Charles, 66 Bancroft Ave.	685
Blanks	323

#### SELECTMEN, ONE YEAR

Edgar O. Dewey, 76 Main St.	801
Kenneth A. Huse, 54 Middlesex Ave.	389
Edwin L. Hutchinson, 6 Grove St.	746
Otis B. Ruggles, 49 Prescott St.	686
Blanks	402



## OVERSEERS OF POOR, ONE YEAR

Edgar O. Dewey, 76 Main St. . . . .	800
Kenneth A. Huse, 54 Middlesex Ave. . . . .	398
Edwin L. Hutchinson, 6 Grove St. . . . .	722
Otis B. Ruggles, 49 Prescott St. . . . .	695
Blanks . . . . .	409

## ASSESSOR, THREE YEARS

George E. Horrocks, 25 Pleasant St. . . . .	779
Blanks . . . . .	229

## TREASURER, ONE YEAR

Ward O. Mansfield, 45 Prescott St. . . . .	866
Blanks . . . . .	142

## COLLECTOR OF TAXES, ONE YEAR

Arthur S. Cook, 59 Bancroft Ave. . . . .	427
Herbert M. Viall, 42 Bancroft Ave. . . . .	553
Blanks . . . . .	28

## BOARD OF HEALTH, THREE YEARS

Edward M. Halligan, 3 Salem St. . . . .	804
Blanks . . . . .	204

## CONSTABLES, ONE YEAR

Ardine M. Allen, 77 Bancroft Ave. . . . .	631
Timothy J. Cullinane, 119 Washington St. . . . .	551
John Stock, 22 Belmont St. . . . .	507
Blanks . . . . .	327

## WATER COMMISSIONER, THREE YEARS

Charles R. Herrick, 219 Pearl St. . . . .	399
Henry R. Johnson, 8 Sanborn St. . . . .	558
Blanks . . . . .	51

## SEWER COMMISSIONER, THREE YEARS

John W. Owen, 34 West St. . . . .	529
C. Winthrop Smith, 12 Mt. Vernon St. . . . .	371
Blanks . . . . .	108

## MUNICIPAL LIGHT BOARD, THREE YEARS

Frank E. Crafts, 89 Woburn St. . . . .	838
Blanks . . . . .	170

## TRUSTEES LAUREL HILL CEMETERY, THREE YEARS

Frank L. Edgerley, 203 Main St. . . . .	833
Charles W. Lee, 67 Woburn St. . . . .	769
Blanks . . . . .	424

## TRUSTEES PUBLIC LIBRARY, THREE YEARS

Ralph S. Keneely, 86 Salem St. . . . .	755
Horace G. Wadlin, 118 Woburn St. . . . .	812
Blanks . . . . .	439

## SCHOOL COMMITTEE, ONE YEAR

William R. Clarke, 57 Howard St. . . . .	812
Blanks . . . . .	218

## SCHOOL COMMITTEE, THREE YEARS

Jesse W. Morton, 114 Woburn St. . . . .	827
Ida A. Young, 87 Woburn St. . . . .	801
Blanks . . . . .	432

## TREE WARDEN, ONE YEAR

Henry M. Donegan, 58 Federal St. . . . .	810
Blanks . . . . .	198

## PLANNING BOARD, ONE YEAR

Chester J. Wallace, 1 Lowell St. . . . .	721
Leone F. Quimby, 25 Howard St. . . . .	715
Willard P. Adden, 35 Walnut St. . . . .	711
James P. Carleton, 179 Summer Ave. . . . .	732
Raymond B. Temple, 50 Hill Crest Road . . . . .	709
Blanks . . . . .	1446

## SHALL LICENSES BE GRANTED FOR THE SALE OF INTOXICATING LIQUORS

Yes . . . . .	152
No . . . . .	707
Blanks . . . . .	149

The votes were counted and declared in open town meeting and sealed and delivered to the Town Clerk, whereupon it was voted to adjourn, to meet in Lyceum Hall, on Monday, March 13, 1916, as per previous vote.

MILLARD F. CHARLES, Town Clerk.

## ADJOURNED ANNUAL TOWN MEETING

LYCEUM HALL, READING, MASS., March 13, 1916.

A town meeting was held as per adjournment and was called to order by the Moderator, Jesse W. Morton.

Article 4. To hear and act on the reports of the Selectmen, Overseers of the Poor, Assessors, Treasurer, Collector of Taxes, School Committee, Water Commissioners, Municipal Light Board, Engineers of the Fire Department, Trustees of the Cemetery, Trustees of the Public Library, Board of Health, Tree Warden, Town Accountant, Finance Committee, and Special Committees.

Article 4. On motion of Edgar O. Dewey, it was voted to lay this article on the table.

Article 5. To choose all other necessary Town Officers, and determine what instructions be given the Town Officers.

On motion of Edgar O. Dewey, it was voted that William F. Welch, Ardine M. Allen and Willard A. Bancroft serve as Field Drivers for ensuing year.

On motion of Edgar O. Dewey, it was voted that Ora L. Milbury, Wendell Bancroft, Warren M. Whitehouse, Samuel Brown, William R. Zwickler, Burton K. Symonds, Edward B. Eames and George L. Flint serve as Surveyors of Lumber for the ensuing year.

On motion of Edgar O. Dewey, it was voted that the Selectmen act as Fence Viewers for the ensuing year.

On motion of Edgar O. Dewey, it was voted that L. Adelbert Deming serve as Pound Keeper for the ensuing year.

On motion of Edgar O. Dewey, it was voted that the Selectmen be authorized to appoint Measurers of Wood and Bark, and Weighers of Hay, Coal, etc., for the ensuing year.

On motion of Edgar O. Dewey, it was voted to lay Article 5 on the table.

Article 6. To determine how much money the Town will raise and appropriate for General Government, Protection of Life and Property, Health and Sanitation, Highways and Bridges, Charities, Soldiers' Benefits, Education, Library, Recreation, Cemetery and Interest.

Art. 6. On motion of Edgar O. Dewey, it was voted to raise and appropriate \$11,925, divided as follows:

Moderator . . . . .	\$50 00
Selectmen's salaries . . . . .	500 00
Selectmen's expenses . . . . .	200 00
Accountant's salary . . . . .	750 00
Accountant's expenses . . . . .	100 00
Treasurer's salary . . . . .	600 00
Treasurer's expenses . . . . .	235 00
Tax Collector's salary . . . . .	1,200 00
(Voted 5-8 of 1% to collect taxes of 1916 and fees)	
Tax Collector's expenses . . . . .	185 00
Assessors' salaries . . . . .	1,150 00
Assessors' expenses (regular) . . . . .	500 00
Assessors' expenses for Valuation Book . . . . .	600 00
Town Clerk's salary . . . . .	150 00
Town Clerk's expenses . . . . .	275 00
Registrars' of Voters salaries . . . . .	130 00
Election expenses . . . . .	650 00
Miscellaneous expenses . . . . .	1,200 00
Town Building . . . . .	600 00
Insurance . . . . .	1,800 00
Lighting G. A. R. Hall . . . . .	50 00
Block System Survey . . . . .	500 00
Town Counsel's salary . . . . .	500 00
	<hr/>
	\$11,925 00

On motion of Edgar O. Dewey, it was voted to raise and appropriate :

Police Department . . . . .	\$5,300 00
Fire Department (general expenses) . . . . .	6,475 00
New hose, 1915 . . . . .	588 00
New hose . . . . .	500 00
Repairs on Fire Alarm . . . . .	350 00

On motion of Henry R. Johnson, it was voted to raise and appropriate for Hydrant Rentals 5,940 00  
(and appropriate receipts of the Water Dept.;  
and that from these receipts \$3,000 be paid to the  
Town Treasurer to pay three water bonds due  
in 1916)

On motion of Edgar O. Dewey, it was voted to raise and appropriate the following amounts:

Moth Department . . . . .	3,199 81
(and appropriate Moth Assessments)	

Forest Warden . . . . .	500 00
Tree Warden . . . . .	500 00
Inspector of Wires . . . . .	100 00
Sealer of Weights and Measures . . . . .	175 00
(Salary \$100, Expenses \$75)	

Inspector of Buildings' salary . . . . .	300 00
Inspector of Buildings' expenses . . . . .	30 00
Health Department, salaries . . . . .	250 00
Health Department, expenses . . . . .	1,245 00
Health Department, contagious diseases . . . . .	500 00
Highways, Bridges and Sidewalks . . . . .	7,700 00
(and appropriate receipts from Franchise and Excise Tax)	

Snow and Ice Removal . . . . .	1,000 00
Street Watering . . . . .	500 00
Oiling Streets . . . . .	3,000 00
Drinking Fountains . . . . .	150 00
Poor Department . . . . .	3,800 00
Mothers with Dependent Children . . . . .	1,500 00
(by authority of Chap. 763, Acts 1913)	
Soldiers' Relief . . . . .	750 00

On motion of Walter S. Parker, it was voted to  
raise and appropriate for School Department \$48,150 00  
(and appropriate receipts of School Department)

Tuition of Industrial School . . . . .	350 00
(and appropriate receipts)	

Vocational School . . . . .	1,500 00
(and appropriate receipts)	

Painting High Schoolhouse . . . . .	200 00
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Painting Union Street Schoolhouse . . . . .	150 00
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Fire Protection in Schoolhouses . . . . .	650 00
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On motion of Arthur N. Mansfield, it was voted  
to raise and appropriate for Public Library 1,700 00  
(and appropriate fines and other receipts and the  
proceeds of the Dog Tax.)

On motion of Edgar O. Dewey, it was voted to  
raise and appropriate the following amounts:

Rent of Playground . . . . .	342 00
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Care of Common . . . . .	100 00
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Memorial Day . . . . .	225 00
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(The amount to be expended for Memorial Day to  
be expended under direction of Post 194, G. A. R.)

Band Concerts . . . . .	200 00
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On motion of Galen A. Parker, it was voted to  
raise and appropriate for Laurel Hill Ceme-  
tery . . . . . 1,200 00

On motion of Ward C. Mansfield, it was voted  
to raise and appropriate for Interest 3,300 00  
(and appropriate Interest on Taxes and Bank  
Deposits)

Article 7. To see if the Town will vote to authorize  
the Treasurer, with the approval of the Selectmen, to bor-  
row money in anticipation of the revenue of the current  
financial year. (Treasurer).

Article 7. On motion of Ward C. Mansfield, it was  
voted that the Town Treasurer, with the approval of the  
Selectmen, be and hereby is authorized to borrow money  
from time to time in anticipation of the revenue of the  
financial year beginning January 1, 1916, an amount not ex-



ceeding \$180,000 and to issue a note or notes therefore payable within one year; any debt or debts incurred under this vote to be paid from the revenue of said financial year.

Article 8. To see if the Town will appropriate the sum of \$4,700 from the amount in the Excess and Deficiency Account, the same to be applied in part toward the indebtedness maturing in 1916, or what it will do in relation thereto. (Town Accountant.)

Article 8. On motion of John H. Sheldon, it was voted that the Town Accountant be and is hereby authorized to transfer the sum of \$4,700 from the Excess and Deficiency Account to Maturing Indebtedness for the current year. said amount to be used in part payment.

Article 9. To see if the Town will raise and appropriate the sum of \$1,000 to the Reserve Fund as provided by Chap. 645 of the Acts of 1913, or what it will do in relation thereto. (Town Accountant.)

Article 9. On motion of John H. Sheldon, it was voted to raise and appropriate \$700 for the Reserve Fund, as provided by Chap. 645 of the Acts of 1913.

Article 10. To see if the Town will raise and appropriate the sum of \$2,500 for continuing the work on Lowell Street from Middlesex Avenue, toward the Square, provided the State and County each appropriate a like amount, or what it will do in relation thereto. (Selectmen.)

Article 10. On motion of Edgar O. Dewey, it was voted that the sum of \$2,500 be raised and appropriated to continue the work on Lowell Street, from Middlesex Avenue towards the Square, provided the State and County each appropriate a like amount.

Article 11. To see if the Town will raise and appropriate the sum of \$1,600 to macadamize Main Street, from Haven Street to Washington Street, or what it will do in relation thereto. (Selectmen.)

Article 11. On motion of Edgar O. Dewey, it was voted to raise and appropriate the sum of \$1,600 to macadamize Main Street, from Haven Street to Washington Street.

Article 12. To see if the Town will raise and appropriate the sum of \$1,700 to complete the macadam on Woburn Street, from Summer Avenue to West Street, or what it will do in relation thereto. (Selectmen.)

Article 12. On motion of Edgar O. Dewey, it was voted to raise and appropriate \$700 to complete the macadam on Woburn Street, from Summer Avenue to West Street.

Article 13. To see if the Town will raise and appropriate the sum of \$800 to resurface Woburn Street, from the railroad crossing to Summer Avenue, or what it will do in relation thereto. (Selectmen.)

Article 13. On motion of Edgar O. Dewey, it was voted to raise and appropriate \$800 to resurface Woburn Street, from the railroad crossing to Summer Avenue.

Article 14. To see if the Town will raise and appropriate the sum of \$800 to complete the macadam on Haven Street, from Linden Street to High Street, or what it will do in relation thereto. (Selectmen.)

Article 14. On motion of Edgar O. Dewey, it was voted to raise and appropriate \$800 to complete the macadam on Haven Street, from Linden Street to High Street.

Article 15. To see if the Town will raise and appropriate the sum of \$400 to macadamize Ash Street, from Main Street to Washington Street, or what it will do in relation thereto. (Selectmen.)

Article 15. On motion of Edgar O. Dewey, it was voted to raise and appropriate \$400 to macadamize Ash Street, from Main Street to Washington Street.

Article 16. To see if the Town will raise and appropriate the sum of \$400 to repair the sidewalk on the west side of North Main Street, or what it will do in relation thereto. (Selectmen.)

Article 16. On motion of Edgar O. Dewey, it was voted to raise and appropriate \$400 to repair the sidewalk on North Main Street south of Ridge Road.



Article 17. To see if the Town will raise and appropriate the sum of \$100 to repair and complete the sidewalk on South Main Street to the Stoneham line, or what it will do in relation thereto. (Selectmen.)

Article 17. On motion of Edgar O. Dewey, it was voted to appropriate from the Highway Appropriation \$100 to repair and complete the sidewalk on South Main Street to the Stoneham line, provided property owners bear the expense of retaining walls.

Article 18. To see if the Town will raise and appropriate the sum of \$600 to build a sidewalk on the north side of Lowell Street, from Winthrop Avenue to High Street, or what it will do in relation thereto. (Selectmen.)

Article 18. On motion of Edgar O. Dewey, it was voted to raise and appropriate \$600 to build a sidewalk on the northerly side of Lowell Street, from Winthrop Avenue to High Street.

Article 19. To see if the Town will raise and appropriate the sum of \$900 for new concrete sidewalks, the 50 per cent. cost to abutters to be waived, or what it will do in relation thereto. (Selectmen.)

Article 19. On motion of Edgar O. Dewey, it was voted to lay this article on the table.

Article 20. To see if the Town will raise and appropriate the sum of \$100 to provide for overdraft in construction of concrete sidewalks in 1915, or what it will do in relation thereto. (Selectmen.)

Article 20. On motion of Edgar O. Dewey, it was voted to raise and appropriate \$100 to provide for overdraft on construction of concrete sidewalks in 1915.

Article 21. To see if the Town will raise and appropriate the sum of \$600 to take care of surface water on Locust Street, or what it will do in relation thereto. (Selectmen.)

Article 21. On motion of Edgar O. Dewey, it was voted that \$600 be raised and appropriated to take care of the water on Locust Street.

Article 22. To see if the Town will raise and appropriate the sum of \$500 to take care of surface water at the corner of Summer Avenue and Mineral Street, or what it will do in relation thereto. (Selectmen.)

Article 22. On motion of Edgar O. Dewey, it was voted to raise and appropriate \$500 to take care of surface water at the corner of Summer Avenue and Mineral Street.

Article 26. To see how much money the Town will raise and appropriate toward the construction of a vitrified stone sidewalk on the east side of Summer Avenue, from King Street to Temple Street, or what it will do in relation thereto. (Solomon Davis and others.)

Article 26. On motion of A. Newell Howes, it was voted to take up this article. After some discussion it was moved by Harry P. Bosson, and voted, to lay this article on the table by a vote of 118 yes and 16 no.

Article 34. To see if the Town will authorize the Board of Water Commissioners to petition the General Court for an act to enable the Town to issue water bonds to an amount not exceeding twenty-five thousand dollars, in addition to the amount already authorized by law, or what it will do in relation thereto. (Water Board.)

Article 34. On motion of Henry R. Johnson, it was voted to take up this article.

On motion of Lewis M. Bancroft, it was voted to authorize the Board of Water Commissioners to petition the General Court for an act to enable the Town to issue water bonds to an amount not exceeding \$25,000, in addition to the amount already authorized by law.

Article 35. To see if the Town will authorize the Board of Water Commissioners to install a pump in the new artesian well at an expense of \$1,200, and authorize the sale of one \$1,000 water bond for that purpose, or what it will do in relation thereto. (Water Board.)

Article 35. On motion of Lewis M. Bancroft, it was voted to authorize the Board of Water Commissioners to install a pump in the new artesian well at an expense of

\$1,200, and authorize the sale of one \$1,000 water bond for that purpose, and appropriate \$200 from receipts of plant to pay the balance.

Article 23. To hear and act on the report of the Special Committee on Motorization of the Fire Department. (Committee on Fire Department.)

Article 23. The Special Committee on Motorization of the Fire Department submit a report in which they recommend Plan A. which contemplates the addition of a motor hook and ladder truck and combination hose truck with three more permanent men at the Central Fire Station, the Hancock Hose No. 2 to remain in commission as it is at present. All horse-drawn apparatus at the Central Fire Station would be withdrawn from service.

On motion of Harry P. Bosson, it was voted to accept report of Special Committee on Motorization of the Fire Department.

Article 24. To see if the Town will raise and appropriate, or otherwise provide, the sum of \$9,500 to purchase a motor hook and ladder truck and a combination hose truck, or what it will do in relation thereto. (Committee on Fire Department.)

Article 24. On motion of Edgar O. Dewey, it was voted that for the purpose of purchasing a motor hook and ladder truck and a combination hose truck the Treasurer is authorized to borrow \$9,500, at a rate of interest not exceeding five per cent. per annum. and to issue notes, bonds or other certificates of indebtedness of the Town for this amount, payable \$2,000 in one year from the date of issue. and \$1,500 each year thereafter until the full amount is paid.

On motion it was voted that the Special Committee on Motorization of the Fire Department be authorized to carry out Plan A, as voted.

Article 25. To see if the Town will raise and appropriate the sum of \$1,600 for alterations and furnishings at the Central Fire Station, or what it will do in relation thereto. (Committee on Fire Department.)

Article 25. On motion of Edgar O. Dewey, it was voted that the sum of \$1,600 be raised and appropriated for alterations and furnishings at the Central Fire Station.

Article 27. To see if the Town will vote to raise and appropriate the sum of one hundred and fifty dollars for the purpose of constructing a sidewalk on the westerly side of Hill Crest Road, from Ellis Avenue south, to connect with present sidewalk, or what it will do in relation thereto. (Frank H. Nutting and others.)

Article 27. On motion of Edgar O. Dewey, it was voted to raise and appropriate \$50 to construct a sidewalk on the westerly side Hill Crest Road, from Ellis Avenue south, to connect with the present sidewalk.

Article 28. To see if the Town will raise and appropriate or otherwise provide sufficient funds to concrete the sidewalk on the northerly side of Woburn Street, from the residence of Mrs. G. H. Atkinson to the corner of High Street, or what it will do in relation thereto. (Alfred W. Danforth and others.)

Article 28. On motion of W. Franklin Burnham, it was voted to lay this article on the table.

Article 30. To see if the Town will vote to acquire, for park or other purposes, the property on the south side of Washington Street upon which stands the building known as the "Old Parker Tavern," which was kept as an inn prior to the Revolutionary War,—what arrangements shall be made for the care and preservation of the buildings,—how much money shall be appropriated therefor and how it shall be provided, and to take any other action in the matter that may seem best. (Charles F. Brown and others.)

Article 30. On motion of Otis B. Ruggles, it was voted to lay this article on the table.

Article 31. To see if the Town will vote to authorize the Municipal Light Board to install incandescent street lights on any, or all, of the following streets, and how much money it will raise and appropriate, or otherwise provide therefor, or what it will do in relation thereto:

One on Perkins Avenue.

One on Winthrop Avenue.

Two on Pearl Street, between Main Street and the residence of A. G. Emerson.

One on South Main Street, between Summer Avenue and the residence of G. F. Densmore.

One on Middlesex Avenue, at the corner of Kingston Street.

Six on South Street, between Main and Walnut Streets.

Two on Auburn Street, between Highland and Beacon Streets. (Municipal Light Board.)

Article 31. On motion of Carl M. Spencer, it was voted that the subject matter of Art. 31 be referred to the Municipal Light Board with authority to install on the public streets of Reading such of said lights as in their judgment are necessary, and to make changes in the existing lights as may be advisable, and that the expense therefor be taken from the appropriation for depreciation, in accordance with the recommendation of the Finance Committee.

Article 29. To see if the Town will raise and appropriate the sum of \$500 to extend the sidewalk on North Main Street, or what they will do in relation thereto.

Article 29. On motion of Edgar O. Dewey, it was voted to raise and appropriate \$500 for sidewalk on North Main Street, as per article.

Article 32. To see what sums of money the Town will raise and appropriate, or otherwise provide, with the receipts of the Municipal Light Plant for the year 1916, for maintenance, operation and repairs of said plant, and for the payment of bonds, notes, interest and depreciation due by said plant during this year, or what it will do in relation thereto. (Municipal Light Board.)

Article 33. To see what sum of money the Town will raise and appropriate, or otherwise provide, for the purpose of providing funds for additions and extensions to the Municipal Light Plant during 1916, or what it will do in relation thereto. (Municipal Light Board.)



On motion of A. Newell Howes, it was voted to lay Articles 32 and 33 on the table.

Article 36. To see if the Town will raise and appropriate, or otherwise provide, the sum of \$15,000, to be expended under the direction of the School Committee, for the purpose of increasing schoolhouse accommodations (by enlarging the Prospect Street Schoolhouse, completing the unfinished part of the Lowell Street Schoolhouse and providing an additional schoolroom at the Chestnut Hill Schoolhouse, and also enlarging the playground at the Highland School by the purchase of the unoccupied lot in the rear), or what it will do in relation thereto. (School Committee.)

Article 36. On motion of Walter S. Parker, it was voted for the purpose of purchasing land for school purposes and enlarging school buildings, the Treasurer is authorized to borrow the sum of \$15,000, at a rate of interest not to exceed five per cent. per annum, and to issue notes, bonds or other certificates of indebtedness of the Town for the amount, payable one thousand dollars each year, 1917 to 1931, inclusive. On count 132 voted yes. none voted no.

On motion of Edwin L. Hutchinson, it was voted to adjourn, to meet in Lyceum Hall on Monday, March 20, 1916, at 7.45 P. M.

MILLARD F. CHARLES, Town Clerk.

## ADJOURNED ANNUAL TOWN MEETING

LYCEUM HALL, READING, MASS., March 20, 1916.

Pursuant to adjournment a town meeting was held and was called to order by the Moderator, Jesse W. Morton.

Article 37. To see if the Town will raise and appropriate or otherwise provide the sum of four hundred (\$400) dollars for the purpose of celebrating July 4, 1916, this money to be expended under the direction of a committee chosen from the different organizations of Reading, the Board of Selectmen and other elective boards, or what it will do in relation thereto. (Henry R. Johnson and others.)

On motion of Henry R. Johnson, it was voted to raise and appropriate the sum of \$400 for the purpose of celebra-

ting July 4, 1916, the same to be spent by a committee from the different organizations of Reading, the Board of Selectmen and other boards.

Article 38. To see if the Town will raise and appropriate or otherwise provide the sum of three hundred (\$300) dollars for the purpose of improving Mayall Park, the money to be spent in conjunction with work planned for said park by Reading Grange No. 322, or see what it will do in relation thereto. (Henry R. Johnson and others.)

On motion of Henry R. Johnson, it was voted to raise and appropriate \$300 for the purpose of improving Mayall Park, the money to be spent under the direction of the Selectmen in conjunction with Reading Grange No. 322.

Article 39. To see if the Town will accept Chapter 423, Acts of 1909, "An act relative to the sale of ice cream, confectionery, soda water and fruit on the Lord's Day." (Selectmen.)

On motion of Harry P. Bosson, it was voted to accept Chapter 423, Acts of 1909, an "Act relative to the sale of ice cream, confectionery, soda water and fruit on the Lord's Day."

Article 40. To see if the Town will raise and appropriate, or otherwise provide, the sum of \$2,400 for the purpose of constructing 984.46' of roadway on West Street, from Woburn Street south to Howard Street, or what it will do in relation thereto. (Peter McBride and others.)

On motion of John W. Owen, it was voted to raise and appropriate the sum of \$2,400 for the purpose of surfacing West Street, from Woburn Street to South Street.

Article 41. To see what sum the Town will raise and appropriate, or otherwise provide, for an electric sign marked "Reading," to be placed on or near the Common, or what it will do in relation thereto. (M. A. Stone and others.)

On motion of Walter S. Parker, it was voted to raise \$125 to set up an electric sign marked "Reading," to be placed on or near the Common.

Article 42. To hear and act on the report of the Committee on Town Offices. (Committee on Town Offices.)

Committee on Town Offices made a report on new quarters for the Town Officers. Reading of report was waived.

Article 43. To see if the Town will authorize the Board of Selectmen to lease suitable quarters for Town Offices for a term of years, and what sum of money the Town will raise and appropriate for rental of such offices during the year 1916, or what it will do in relation thereto. (Committee on Town Offices.)

Article 44. To see if the Town will appoint a committee to secure plans and estimates as to the cost of an addition or extension to the present Town Office Building on Pleasant Street, or of a new Town Office Building, to be erected elsewhere, and to see what sum of money the Town will raise and appropriate for the use of said Committee, or what it will do in relation thereto. (Committee on Town Offices.)

On motion of Charles H. Stinchfield, it was voted that Articles 43 and 44 be acted on under one motion.

On motion of Charles H. Stinchfield, it was voted that the Planning Board and the Committee on Town Offices be a committee to consider the matters contained in Articles 43 and 44, and also the advisability of leasing the Y. M. C. A. property, so called, or any other relating thereto, and report at a special town meeting; and that \$300 be raised and appropriated for use of the committee.

On motion of Walter S. Parker, it was voted to instruct said committee to report on or before May 1, 1916.

Article 27. On motion of Edgar O. Dewey, it was voted to reconsider action taken on Article 27, whereby it was voted to raise and appropriate \$50. (Under ruling of the Moderator, this article could not be acted on until the next adjourned session of this meeting.)

Article 45. To see if the Town will raise and appropriate the sum of \$1,500 to extend the water main from the present last hydrant on West Street to the Wilmington line,



or what it will do in relation thereto. (George P. Abbott and others.)

On motion of George P. Abbott, and amended by Harry P. Bosson, it was voted to sell one water bond of \$1,000, and raise and appropriate \$500 to extend the water main on West Street, from the present last hydrant on West Street to the Wilmington line, provided that four per cent. on the cost is guaranteed. 142 voted yes; none voted no.

Article 46. To see if the Town will raise and appropriate the sum of \$550 to make alterations and repairs on North Main Street, near the Old South Church, or what it will do in relation thereto. (J. Woodward Manning and others.)

On motion of J. Woodward Manning, it was voted to raise and appropriate the sum of \$300 to make alterations and repairs on North Main Street, near the Old South Church.

Article 47. To see if the Town will raise and appropriate a sum of money sufficient to install a fire alarm box on Woburn Street, between Linden Street and Bancroft Avenue, or what it will do in relation thereto. (Percy R. Danforth and others.)

On motion of Alfred W. Danforth, it was voted to refer the subject matter of this article to the Board of Selectmen.

Article 48. To see if the Town will authorize the Municipal Light Board to install a light on Percy Avenue, near the residence of Charles H. Swain, or what it will do in relation thereto. (Charles H. Swain and others.)

On motion of Edwin L. Hutchinson, it was voted to lay this article on the table.

Article 49. To see what the Town will do in relation to the petition sent in last year to the School Committee, that all children living on the outskirts of the Town receive free transportation tickets as long as they attend school, instead of only to the sixth grade in the Grammar School. (George J. Ingalls and others.)

On motion of Theodore P. Berle, it was voted to raise and appropriate \$500 for the purpose of conveying scholars in the outlying districts of the Town to schools in the centre of the Town, this to apply to the 6th, 7th and 8th grades.

Article 50. To see if the Town will accept the provisions of Section 37, Chapter 19 of the Revised Laws of Massachusetts, an act relative to Civil Service for the Police Department, and limiting the application of provision of said chapter to the Police force of the Town, or what it will do in relation thereto. (Selectmen.)

On motion of Edwin L. Hutchinson, that this article be adopted by the Town, the vote was against the adoption or acceptance of Section 37, Chapter 19, of the Revised Laws of Massachusetts, an act relative to the acceptance of Civil Service in the Police Department.

Article 51. To see if the Town will vote to reimburse Mrs. Emma F. Brown for grant to the Town for the right of way over her premises at 22 Lowell Street, to be used by the Town as a means of access to the new library building, and if it will raise and appropriate \$100 for that purpose, or what it will do in relation thereto. (Library Trustees.)

On motion of Edgar O. Dewey, it was voted to raise and appropriate the sum of \$100 to reimburse Mrs. Emma F. Brown for grant of a right of way to the Town over her property on Lowell Street, said amount being the sum determined upon by the Selectmen, in accordance with the vote of the Town passed at a Special Meeting held Sept. 20, 1915.

Article 52. To see if the Town will amend the building laws by striking out Section 8 and substituting a new Section 8. (Inspector of Buildings, Robert E. Parker.)

On motion of Robert E. Parker, to substitute a new section for Section 8 of the Building Laws, it was voted to lay this article on the table and that Section 8 and the new section be published in *THE READING CHRONICLE*.

Article 53. To see if the Town will appoint a committee to revise the Building Laws. (Inspector of Buildings, Robert E. Parker.)

On motion of Robert E. Parker, it was voted that the Moderator appoint a committee to revise the Building Laws.

Article 54. To see what instruction the Town will give the Board of Selectmen in relation to filling vacancies on the Finance Committee.

On motion of Edgar O. Dewey, it was voted that the Board of Selectmen be authorized to fill all vacancies on the Finance Committee.

Article 55. To see if the Town will raise and appropriate the sum of \$1,255 to construct the Salem and John Streets drain in accordance with the 1915 report of the Selectmen. (Edwin L. Fullerton and others.)

On motion of Edgar O. Dewey, it was voted to lay this article on the table.

Article 56. To see if the Town will raise and appropriate \$400 to repair and shingle roof of Town Home, or what it will do in relation thereto. (Overseers of the Poor.)

On motion of Otis B. Ruggles, it was voted to raise and appropriate \$450 to shingle the Town Home house, non-combustible shingles to be used.

Article 57. To see if the Town will raise and appropriate the sum of \$300 in payment for services rendered by an engineer in preparing and presenting engineering facts to the Legislative Committee in support of the Reading Sewerage Bill, or what it will do in relation thereto. (Town Counsel.)

On motion of Edwin L. Hutchinson, it was voted to raise and appropriate \$300 for services of an engineer in preparing and presenting engineering facts to the Legislative Committee in support of the Reading Sewerage Bill.

It was voted to extend a vote of thanks to those who furnished the money temporarily for that purpose.

Article 58. To see if the Town will raise and appropriate two thousand dollars, or a sufficient sum for the purchase of a portable stone crusher, or what it will do in relation thereto.

On motion of Edgar O. Dewey, it was voted that this article be indefinitely postponed.

Article 27. It was voted to take up.

Solon Bancroft appealed from the decision of the Moderator, "That no action could be taken on the reconsideration of the subject matter of a vote taken on this article on March 13, 1916, until the adjourned meeting."

On a vote being taken, the Moderator was sustained in his decision.

On motion of Edwin L. Hutchinson, it was voted to adjourn, to meet on March 27, 1916, at 7 o'clock and 45 minutes, in Lyceum Hall.

MILLARD F. CHARLES, Town Clerk.

## ADJOURNED ANNUAL TOWN MEETING

LYCEUM HALL, READING, MASS., March 27, 1916.

Pursuant to adjournment, a town meeting was held and was called to order by the Moderator, Jesse W. Morton, at time and place adjourned to.

On motion of Edgar O. Dewey, it was voted to take this article up.

On motion of Edgar O. Dewey, it was voted to raise and appropriate the sum of \$150 for the purpose of constructing a sidewalk on the westerly side of Hill Crest Road, from Ellis Avenue southward, to connect with present sidewalk.

Article 30. Voted to take from the table.

On motion of Charles F. Brown, it was voted that the Selectmen be instructed to purchase for park and other public purposes, in behalf of the Town, the lot of land on Washington Street, with the buildings thereon, known as the "Old Parker Tavern;" that they be authorized to make a permanent lease of the building and sufficient land about it for its convenient care to the Reading Antiquarian Society for a nominal consideration, upon condition that the said Society assumes all expense of repairing, restoring and preserving the building; that any of the land not required or

included in such lease be used for such public purposes as the Town may determine; that for the purpose of purchasing said property the Treasurer be and hereby is authorized to borrow the sum of \$3,500, at a rate of interest not to exceed 5 per cent. per annum, and to issue the notes, bonds or other certificates of indebtedness of the Town, payable \$500 each year, 1917 to 1923, inclusive.

On a standing vote being taken, 86 voted yes and 32 voted no. More than two-thirds voted in favor of location and place.

Article 19. On motion of Edgar O. Dewey, it was voted to take this article from the table.

It was voted to refer the subject matter of this article to the Planning Board and Board of Selectmen, to report on at a special town meeting to be held on or before May 1, 1916.

Article 32. On motion of Carl M. Spencer, it was voted to take this article from the table.

A motion was made by Carl M. Spencer, and a motion to amend by A. Newell Howes. After discussion, a motion was made by Charles A. Loring to lay the subject matter of this article on the table, which was voted.

Article 5. On motion of Charles A. Loring, it was voted to take this article from the table.

On motion of Charles A. Loring, it was voted that the Collector of Taxes be instructed to send out summonses on all unpaid taxes on April 1 each year, in accordance with the recommendations of the Finance Committee.

The Moderator appointed the following as members of a committee to revise the Building Laws: Robert E. Parker, 26 Pratt Street; Winthrop D. Parker, 1 Charles Street; Henry R. Johnson, 8 Sanborn Street; George H. Sidebottom, 80 Summer Avenue; Spencer G. Stewart, School Street.

On motion of Edwin L. Hutchinson, it was voted to adjourn to meet in Lyceum Hall on Monday, April 3, 1916, at 7.45 o'clock p. m.

MILLARD F. CHARLES, Town Clerk.



## ADJOURNED TOWN MEETING

LYCEUM HALL, April 3, 1916.

A town meeting was held as per adjournment of March 27, 1916, and was called to order by the Moderator, Jesse W. Morton.

Article 5. On motion of Carl M. Spencer, it was voted to lay this article on the table.

Article 32. On motion of Carl M. Spencer, it was voted that \$5,000 be raised and appropriated, and this amount, together with the unexpended balance Dec. 31, 1915, amounting to \$662.24, and the receipts of the plant for the current year, be appropriated for the operation, maintenance and repairs of said plant, and for the payment of bonds, notes and interest; and that the sum of \$7,597.47 be appropriated from the above for depreciation of the plant for the current year, in accordance with the recommendation of the Finance Committee.

Article 5. On motion of Theodore P. Berle, it was voted to take this article from the table.

On motion of Theodore P. Berle, to instruct the Municipal Light Board to charge the Town for what electricity it uses, in accordance with Section 115, Chapter 742, Acts of 1914, motion was not carried.

It was then voted to lay Article 5 on the table.

Article 33. On motion of Carl M. Spencer, it was voted to take this article from the table.

On motion of Carl M. Spencer, it was voted that the Town Treasurer be authorized, with the approval of the Selectmen, to issue notes, bonds, or other certificates of indebtedness of the Town, for an amount not exceeding \$10,000, payable \$500 each year, 1917 to 1936 inclusive, and bearing interest at a rate not exceeding five per cent. payable semi-annually; the proceeds of same, together with the balance of construction cash on hand December 31, 1915, amounting to \$2,045.37, be appropriated to be expended under the direction of the Municipal Light Board for enlargements and extensions to the Municipal Light Plant,

in accordance with the recommendation of the Finance Committee. 85 voted yes; 5 voted no.

Article 26. On motion of Solomon Davis, it was voted to take Article 26 from the table.

On motion of Theodore P. Berle, it was voted to raise and appropriate \$250 for a granolithic sidewalk on Summer Avenue, from King Street southerly to land of Summer Avenue Trust Co., it being on the easterly side of said Summer Avenue, provided the abutters pay two-thirds of the cost of said sidewalk.

Article 4. On motion of Lewis M. Bancroft, it was voted to take this article from the table.

On motion of Lewis M. Bancroft, it was voted that the reports of the Town Officers, as printed in the Annual Town Report and the report of the Finance Committee, be accepted.

Article 5. On motion of Charles H. Stinchfield, it was voted to take this article from the table.

On motion of Charles H. Stinchfield, it was voted to instruct the Selectmen to remove or sell the stable on the Grouard Estate, now owned by the Town.

On motion of Edwin L. Hutchinson, it was voted to adjourn sine die.

MILLARD F. CHARLES, Town Clerk.

## SPECIAL TOWN MEETING

LYCEUM HALL, READING, MASS., May 23, 1916.

Pursuant to a warrant a town meeting was held.

Article 1. To elect a Moderator to preside at this meeting. Jesse W. Morton was unanimously elected Moderator.

Article 2. To see what instructions the Town will give its Town Officers.

A. Newell Howes moved, and it was voted, to lay this article on the table.

Article 8. To see if the Town will accept Chapter 159 of the General Acts of the Legislature of 1916, which is an

act admitting Reading to the North Metropolitan Sewerage District, or what they will do in relation thereto.

A. Newell Howes moved, and it was voted, to take this article up.

Edwin L. Hutchinson moved, and it was voted, to accept the provisions of Chapter 159 of the General Acts of the Legislature of 1916. 134 voted yes and none voted no.

Article 9. To see if the Town will authorize the Board of Sewer Commissioners to devise a sewer system for the Town, and to employ engineers and other agents for that purpose, and to report thereon at a subsequent meeting; and to see if the Town will raise and appropriate a sum sufficient for the purposes above set forth, or what they will do in relation thereto.

Edwin L. Hutchinson moved, and it was voted, to take up this article.

Charles R. Herrick moved, and it was voted, that the Town authorize the Board of Sewer Commissioners to devise a sewer system for the Town and to employ an engineer and other agents for that purpose and report thereon at a subsequent meeting; and that the sum of \$1,200 be raised and appropriated for the purposes above set forth, as recommended by the Finance Committee.

Article 4. To hear and act on the report and recommendations of the Special Committee on Town Office Building, or what they will do in relation thereto.

Carl M. Spencer moved, and it was voted, to accept report of Committee on Town Buildings as printed in THE READING CHRONICLE, as a report of progress.

Article 3. To see if the Town will raise and appropriate the sum of \$900 for new concrete sidewalks, the 50 per cent. cost to abutters to be waived, or what it will do in relation thereto.

Edwin L. Hutchinson moved, and it was voted, that the sum of \$900 be raised and appropriated for new tar concrete sidewalks, and that the 50 per cent. cost to abutters be waived.



Article 5. To see if the Town will rescind its vote of Sept. 20, 1915, whereby the Library Trustees were authorized to take a portion of the Grouard lot, so called, for a site for a free public library building, or what it will do in relation thereto.

Edwin L. Hutchinson moved, and it was voted, to lay this article on the table.

Article 10. To see if the Town will raise and appropriate \$1,500 for the Snow and Ice Account, or what it will do in relation thereto.

Edwin L. Hutchinson moved, and it was voted, to take up this article for action.

Edwin L. Hutchinson moved, and it was voted, that the sum of \$1,500 be raised and appropriated for the Snow and Ice Account.

Article 11. To see if the Town will raise and appropriate the sum of \$500 to provide a room and office furniture for the Board of Assessors, or what they will do in relation thereto.

Edwin L. Hutchinson moved, and it was voted, that the sum of \$500 be raised and appropriated for the purpose of providing an office and office furniture for the Board of Assessors, as recommended by the Finance Committee.

Article 12. To see if the Town will authorize the Town Accountant to transfer the sum of \$800 from the Excess and Deficiency Account to the Highway Department for the purpose of leasing a stone crusher plant, or what they will do in relation thereto.

Edwin L. Hutchinson moved, and it was voted, that the Town Accountant is authorized to transfer the sum of \$800 from the Excess and Deficiency Account to the Highway Department, for the purpose of leasing a stone crushing plant.

Article 14. To see if the Town will raise and appropriate the sum of \$2,500 to continue the work on Lowell Street, from the completion of the work last year toward the

Wilmington line, provided the State and County each appropriate a like amount.

Edwin L. Hutchinson moved, and it was voted, that the sum of \$2,500 be raised and appropriated to continue the work on Lowell Street, from the completion of the work last year toward the Wilmington line, provided the State and County each appropriate a like amount.

Article 15. To see if the Town will vote to change the method of electing a Moderator, by electing a Moderator at every annual election of Town Officers, to serve for one year, in accordance with provisions of Section 359, Chapter 560, Acts of 1907.

Edwin L. Hutchinson moved, and it was voted, that we accept the provisions of Section 359 of Chapter 560 of the Acts of 1907, which provides for the election of a Moderator at each annual town election, to serve for one year.

Article 16. To see if the Town will raise and appropriate, or otherwise provide, the sum of \$800, in addition to the amount appropriated at the annual meeting, for making alterations in the Central Fire Station.

Edwin L. Hutchinson moved, and it was voted, that the sum of \$600 be raised and appropriated, in addition to the amount appropriated at the annual meeting, for making alterations in the Central Fire Station.

Article 5. Carl M. Spencer moved, and it was voted, to take this article from the table.

Carl M. Spencer moved, and it was voted, that the Town rescind that portion of its vote of September 20, 1915, whereby the Library Trustees were authorized to take the northerly portion of the Grouard lot, so called, for a site for a free public library building, and that the Library Trustees be now authorized to take for a site for said library building the southerly portion of said lot, extending along Woburn Street, and adjoining the estate assessed to the heirs of George A. Boyce.

Article 6. To see if the Town will vote to purchase the land and buildings situated on Lowell Street, known as the

Richardson lot and now assessed to Everett H. Hall, for public purposes, and to see how much money the Town will raise and appropriate, or otherwise provide, for the payment of the same, or what it will do in relation thereto.

On motion of Carl M. Spencer, it was voted that the Selectmen be instructed to purchase the Richardson lot, so called, situated on Lowell Street, with the buildings thereon (except the stable which is to be removed by the present owner) at a price not exceeding \$5,550, and that the Town Treasurer is hereby authorized to issue the notes of the Town for this amount at a rate of interest not exceeding four per cent. per annum and payable \$550 in one year from the date thereof; the balance to be paid \$500 each year thereafter, until the full amount is paid; the income derived from the property to be used for necessary repairs and the payment of the said notes. 64 voted yes and 17 voted no.

Article 7. To see what action the Town will take relative to the erection of a Town Office Building on the Grouard lot, or what it will do in relation thereto.

On motion of Charles A. Loring, it was voted that the Board of Selectmen, together with the Town Office Building Committee and Town Planning Board, be instructed to present plans for the erection of a Town Office Building at the next town meeting.

Article 17. To see what action the Town will take with reference to the disposition of the buildings on the Grouard lot, and what sum of money it will raise and appropriate for that purpose, or what it will do in relation thereto.

On motion of Walter S. Parker, it was voted for the purpose set forth in Article 17 the Town purchase a lot of land near the Highland School, and move the Grouard house and place the same thereon, and that the Treasurer be authorized to issue the notes of the Town for \$3,000 at a rate of interest not exceeding five per cent., payable \$500 each year year, 1917 to 1922, inclusive. 59 voted yes, none voted no.

Article 3. The Planning Board and Board of Selectmen made a report on laying of concrete tar sidewalks recommending this article, which it was voted to accept.

On motion of Otis B. Ruggles, it was voted to adjourn to Monday, June 5, 1916, in this hall, at 7.45 o'clock P. M.

MILLARD F. CHARLES, Town Clerk.

## ADJOURNED TOWN MEETING

LYCEUM HALL, READING, MASS., June 5, 1916.

A town meeting was held as per adjournment, and was called to order by the Moderator, Jesse W. Morton.

Article 13. To hear and act on the report of the committee appointed to revise the By-Laws of the Town.

On motion of Charles F. Brown, it was voted to take this article from the table.

On motion of Charles F. Brown, it was voted to accept report of Committee on By-Laws, as printed in THE READING CHRONICLE.

On motion of C. Winthrop Smith, it was voted to act on each section of articles on By-Laws separately.

### ARTICLE I

Section 1. The annual town meeting for the election of a Moderator for the ensuing year and of all other Town Officers, to be elected by ballot, and for the consideration of all questions to be voted for by ballot, shall be held on the first Monday in March of each year.

The annual meeting for the transaction of all other town business shall be held on the second Monday of March of each year, and special meetings at such times as the Selectmen may appoint, or as provided in the Revised Laws and amendments thereto.

Article 1, Section 1. Voted to lay on the table.

Section 2. Notice of every town meeting shall be given by posting an attested copy of the warrant calling the same in at least ten public places in Town not less than seven

days prior to each meeting, and by causing such attested copy to be published in some newspaper published in the Town one day at least prior to the time of holding such meeting. The officer serving the warrant shall in his return designate the places where copies were posted, the name of the paper, and date of publication in which the same was published. Notice of every adjourned town meeting, before which any proposed reconsideration is to come, shall be posted by the Town Clerk in five conspicuous public places in the Town as soon as possible after the adjournment, and he shall, if practicable, publish such notice in some newspaper published in the town, at least one day before the time of said adjourned meeting. Said notice shall include a notice of any proposed reconsideration to come before the meeting.

Votes passed at any town meeting shall be subject to a referendum of the Town, as provided in Chapter 276 of the Acts of 1910 and amendments thereof.

A sufficient number of the warrants shall be printed for distribution at each meeting.

Voted to adopt.

Section 3. The Selectmen shall, before calling any special town meeting, publish at least fifteen days before the date of such meeting in a newspaper published in the Town, notices of their intention to call such meeting.

Voted to adopt.

Section 4. The Selectmen shall append to each article in the warrant the name of the person requesting the insertion of the article, and in the case the insertion is requested by ten or more voters, the name of the first person signing such request and the words "and others" shall be appended to the article.

Voted to adopt.

Section 5. It was voted to act on each rule in this section separately.

Section 5. In the conduct of all town meetings the following rules shall be observed :

Rule 1. The Moderator shall decide all questions of order subject to an appeal to the meeting; the question on which appeal shall be taken before any other.

Voted to adopt.

Rule 2. The Moderator shall declare all votes; and whenever a vote is doubted by seven voters a count shall be had which shall be by tellers appointed by the Moderator and the tellers shall report to the Moderator only.

Voted to adopt.

Rule 3. All original questions shall be put in the order in which they are moved, unless, as in the case of amendments, the subsequent motion be previous in its nature; except that the largest sum and the longest time shall be put first, except as is provided in the article of the By-Laws relating to the Finance Committee.

Voted to adopt.

Rule 4. Every person speaking shall rise and stand uncovered; shall respectfully address the chair or Moderator; shall not speak until recognized by the chair or Moderator; shall confine himself to the question under debate, and avoid all personalities.

Voted to adopt.

Rule 5. No person shall be privileged to speak, or make a motion, until assent has been given by the Moderator.

Voted to adopt as amended.

Rule 6. No person shall speak on any question more than ten minutes without obtaining leave of the meeting; nor more than once on any question till others who desire to speak have spoken.

Voted to adopt as amended.

Rule 7. No person shall be interrupted but by a call to order.

Voted to adopt.

Rule 8. No motion shall be received and put until it is seconded; but no motion made and seconded shall be



withdrawn if any voter objects, and no amendment not germane to the subject proposed in the original motion shall be entertained. All motions shall be reduced to writing, by the person making them, when so requested by the Moderator or Town Clerk.

Voted to adopt.

Rule 9. No motion once made and disposed of, except a motion to adjourn, shall be again received at the same meeting; but except on motions to adjourn, and to lay on and take from the table, any one so desiring may move a reconsideration. A motion to reconsider any vote may be made before the final adjournment of the meeting at which the vote was passed, but such motion to reconsider cannot be acted upon at that meeting; but no motion to reconsider shall be made at an adjourned meeting unless the mover has given notice of his intention to make such a motion, either at the session of the meeting at which the vote was passed, or by written notice to the Town Clerk within forty-eight hours after the adjournment of such session. There can be no reconsideration of a vote once reconsidered and when reconsideration has been once refused by the meeting the Moderator shall not entertain a subsequent motion to reconsider. No motion for reconsideration shall be in order unless made in good faith, and not for the purpose of preventing subsequent action on the question decided. No vote fixing the time of the closing of the polls shall be reconsidered, except for the purpose of extending such time.

Voted to lay on the table.

Rule 10. When a question is under debate no motion shall be in order but to adjourn, to lay on the table or pass over, to postpone for a certain time, to commit, to amend, to postpone indefinitely, or to fix a time for terminating debate and taking the question, which several motions shall have precedence in the order in which they stand arranged.

Voted to adopt.

Rule 11. Motions to adjourn (except when balloting for officers and when questions are being taken) shall always

be first in order, and such motion and motions to lay on the table and take up from the table, shall be decided without debate.

Voted to adopt.

Rule 12. The previous question shall be put in the following form: "Shall the main question be now put?" and until this question is decided all debate on the main question shall be suspended. If the previous question be adopted, the sense of the meeting shall immediately be taken upon any pending amendments, in the order inverse to that in which they were moved, and finally upon the main question.

Voted to adopt.

Rule 13. On the previous question no person shall speak more than once without leave of the meeting; and all questions of order which may arise while a motion for the previous question is pending shall be decided without debate.

Voted to adopt.

Rule 14. All committees shall be appointed by the Moderator, unless otherwise directed by the meeting; and, in nominations at large, no person shall nominate more than one member of a committee.

Voted to adopt.

Rule 15. All boards of officers, and also committees, may elect a chairman if they deem it advisable; otherwise, if elected, the one first chosen shall be chairman; or, if several be elected at the same balloting, the one having the highest number of votes shall be chairman.

Voted to adopt.

Rule 16. No report of any committee chosen at a previous meeting shall be acted upon at any meeting unless it has been announced in the warrant for said meeting that the report of such committee was to be considered.

Voted to adopt.

Rule 17. When the report of a committee is placed in the hands of the Moderator, it shall be deemed to be re-

ceived, and a vote to accept the same shall discharge the committee, but shall not be equivalent to a vote to adopt it.

Voted to adopt.

Rule 18. No final action shall be taken on any article inserted in a warrant, at the request of petitioners, until the petitioners for the same shall have had opportunity to be heard on the subject therein contained.

Voted to adopt.

Rule 19. The duties of the Moderator, and methods of proceedings at meetings, not prescribed by the statutes, or by the foregoing rules, shall be determined by the rules of practice contained in "Cushing's Manual," so far as they may be adapted to town meetings.

Voted to adopt.

## ARTICLE II—SEAL OF THE TOWN

Section 1. The following shall be the device of the seal of the Town of Reading, to wit:—

Within a circle, bearing at the top "Town of Reading" and below "Settled 1639; Incorporated 1644," a shield, Argent, an ancient water mill with under-shot wheel at the end thereof, in view over a stream of water, with a spruce tree at the left and three ravens au vol. Crest—an uplifted arm with the hand grasping a sword. Supporters—branches of white pine. The whole substantially like the following representation:



It was voted to lay this section on the table.

Section 2. Except as otherwise provided by statute, all deeds and other legal instruments requiring a seal which may hereafter be executed in behalf of the Town, pursuant to a vote of the Town or otherwise, shall be sealed with such seal, subscribed by a majority of the Board of Selectmen

for the time being, or by the board or committee thereto authorized by the Town.

Voted to adopt.

Section 3. The Town Clerk shall be the custodian of the Town seal.

Voted to adopt.

Section 4. The Town Clerk shall keep a record in a book (to be kept for the purpose) of all deeds or other instruments executed by the Selectmen or other officers, in accordance with the provisions of this By-Law.

#### ARTICLE III—POWERS AND DUTIES OF TOWN OFFICERS NOT PRESCRIBED BY STATUTES

Section 1. The Selectmen shall keep a record of all bills disapproved by them, and no such bill shall be considered by any subsequent board, unless they are authorized so to do by a special vote of the Town.

Voted to adopt.

Section 2. No person who is a member of the Board of Selectmen, or any board of elective officers, shall hold any remunerative office by virtue of an appointment by such board or boards.

Voted to adopt.

Section 3. The Selectmen shall, in their annual report, state in detail what action they have taken in the year preceding, whether as Selectmen, Overseers of the Poor, or Surveyors of Highways. In regard to town-ways, county-ways, and other public works, they shall state specifically what have been laid out and constructed, what have been altered, what damages have been assessed and paid, what claims are outstanding, and what claims are in suit against the Town. They shall also state what ways or public works that have been ordered laid out or accepted remain to be constructed and why the work ordered has not been done. They shall especially give full reports in regard to all suits against the Town with all the circumstances relating

thereto. They shall also make a detailed statement of the repairs and alterations made upon public buildings in their charge.

Voted to adopt.

Section 4. The Board of Assessors shall have authority to number or renumber all houses and buildings, and no one shall number or change their street numbers without first getting permission from the Board of Assessors. The Board of Assessors may, in their discretion, order numbers to be affixed to or painted on the buildings on any street. The owner of every house shall comply with such order within ten days after receiving notice thereof. The Assessors shall within ten days from the date of any request designate to owners the number or numbers to be affixed to houses and buildings owned by the person or persons by whom, or by whose agent, such request is made.

It was voted to lay Section 4 on the table.

Section 5. The Selectmen after drawing a warrant for a town meeting shall immediately transmit a copy of such warrant to each member of the Finance Committee.

Voted to adopt.

#### ARTICLE IV—LAW COMMITTEE

Section 1. The chairmen of the Board of Selectmen, Water Commissioners, Municipal Light Board, School Committee, Board of Health, Sewer Commissioners and Assessors shall be the Law Committee of the Town. Such Law Committee shall hereafter annually on or before the 15th day of April, and whenever a vacancy shall exist, choose some competent lawyer to act as Town Counsel, who shall be paid such a salary as may be determined by the annual town meeting.

Voted to adopt.

Section 2. The chairman of the Selectmen shall call a convention of said officers for the purpose aforesaid and shall give notice in writing to the several officers entitled to vote therein, seven days at least before said meeting.

Voted to adopt.

Section 3. The said Law Committee shall have authority to prosecute and defend through the Town Counsel all litigation to which the Town is a party, and to employ special counsel whenever in their judgment necessity therefor arises.

Voted to adopt.

Section 4. The term of office of said Town Counsel shall begin on the 15th of April of each year and shall continue until the election and acceptance of his successor.

Voted to adopt.

Section 5. When any suit at law or in equity, or other legal proceeding is instituted against the Town, and there is not sufficient time before action must be taken in the same, to bring the matter before the Town, the Law Committee shall have authority to appear in, and answer to, such suit, through the Town Counsel, and shall have authority to settle all suits involving the payment of not more than \$200; but in all other cases before the trial or final disposition of the same, a town meeting shall be called to act on the matter.

Voted to adopt.

#### ARTICLE V—TOWN COUNSEL

Section 1. The Town Counsel shall draft all bonds, deeds, leases, obligations, and other legal instruments, and do every professional act which may be required of him by vote of the Town or any board of Town Officers. Also, when required by said boards or any committee of the Town, he shall furnish a written opinion on any legal question that may be submitted to him in regard to any matter which concerns the board or committee requesting the opinion, and he shall at all times furnish legal advice to any officer of the Town who may require his opinion upon any subject concerning the duties incumbent upon such officer by virtue of his office.

Voted to adopt.

Section 2. He shall prosecute all suits ordered to be brought by the Town and shall appear before any court in



the Commonwealth in defence of all actions or suits brought against the Town or its officers in their official capacity. He shall try any and all cases to which the Town shall be a party, before any tribunal, whether in law or equity, in this Commonwealth, or before any board of referees or commissioners.

Voted to adopt.

Section 3. The Town Counsel shall not make final settlement of any litigation to which the Town is a party, except in accordance with the provisions of Section 5 of Article 4 of these By-Laws.

Voted to adopt.

Section 4. Immediately upon being notified by the Chief of Police, Selectmen, Town Clerk or any other officer of the Town of injury to the person or property under circumstances which give rise to a claim for damages against the Town, the Town Counsel shall make a careful and complete investigation of all the facts relative thereto, and in case of injuries to a person he shall, if it seems practicable, immediately cause a physical examination of the injured person to be made by a reputable physician, and such other examinations as he sees fit. Within ten days after the claim for damages for any cause has been received by the Town Counsel he shall make a written report to the Law Committee of the nature of and circumstances of the claim, together with such recommendations regarding the same as he deems advisable.

Voted to adopt.

Section 5. The Town Counsel shall prosecute in the local district court all cases for the violation of the By-Laws of the Town.

Voted to adopt.

Section 6. He shall annually make a written report to the Law Committee, to be printed in the annual town report, concerning the professional services rendered by him during the preceding year; said report shall contain a statement of each case which has been settled, tried, or other-

wise disposed of by him during the year, and also a statement of each case which is still pending and the status of the same, together with such other information and recommendations as he may deem advisable.

Voted to adopt.

#### ARTICLE VI—POWERS AND DUTIES OF THE FINANCE COMMITTEE

Section 1. There shall be a Finance Committee, consisting of fifteen voters of the Town, no one of whom shall be a Town Officer or a member of a department receiving a salary.

The Finance Committee shall be appointed by the Selectmen within thirty days after the final adjournment of the annual town meeting; five shall be appointed annually to serve for three years each. Any vacancy in the committee shall be filled by the Selectmen. The members of the Finance Committee who are in office at the time these By-Laws become effective shall hold office until the expiration of the terms for which they have been appointed. The Town Accountant shall ex-officio be a member of the committee without a vote.

Voted to adopt.

Section 2. The Finance Committee shall meet at the call of the Town Accountant within fifteen days after the date the new members are appointed, and those then taking office shall be sworn to the faithful performance of their duties, and at this meeting the committee shall choose its Chairman and Clerk.

Voted to adopt.

Section 3. The Finance Committee, or its duly authorized agents, shall have authority at any time, and upon the petition of thirty citizens shall investigate the books, accounts, records and management of any office or department of the Town, and said committee may employ such assistance as it may deem advisable for that purpose but shall have no power to incur any expense payable by the Town without authority for such expense having first been obtained from the Board of Selectmen. Said books, accounts, and

records shall be open to the inspection of the committee or any one employed by it. All officers and committees of the Town, either elective or appointive, shall furnish to the Finance Committee, upon request, information of any kind relating to such office, department or committee, and shall, upon request, submit to the inspection of the Finance Committee, or its duly authorized agents, all books, accounts, documents, correspondence and records of such office, department or committee.

Voted to adopt as amended.

Section 4. The various town boards, officers and committees charged with the expenditure of Town money shall, before January first of each year, prepare itemized estimates of amounts deemed by them necessary for the administration of their respective offices or departments for the ensuing fiscal year and also a statement of expenditures of the preceding year covering the same time, with explanatory statements of the reasons for any changes from the amounts appropriated for the same purposes in the current year. They shall also prepare estimates of all probable items of income which may be received by them during the ensuing year in connection with the administration of their departments or offices, and a statement of the amount of the appropriation requested by them for the ensuing fiscal year. Said estimates shall be filed with the clerk of the Finance Committee on or before January 15 of each year.

The Finance Committee shall duly consider the same and confer with said town boards, officers, committees and citizens responsible for the insertion of warrant articles calling for the appropriation of money and shall hold at least one public meeting before each town meeting at which such items are to be considered, for the consideration and public discussion of any matters before the committee, such meeting to be held not less than ten days before said town meeting.

The Finance Committee shall investigate the income, cost of maintenance, and the expenditures of the different departments of the Town service, and on the organization

of the town meeting shall report thereon and recommend in detail the amount to be apportioned for each department of the Town for the ensuing year and upon the method of providing the sum so recommended.

Voted to lay on the table.

Section 5. The Finance Committee in making its report upon any subject referred to shall arrange the report in clear and compact form, and shall divide it into separate propositions whenever in its judgment such division may be desirable. The committee shall attach to each proposition its own recommendations.

Voted to adopt.

Section 6. The proposition reported by the Finance Committee shall be subject to amendment by the town meeting but such amendment if calling for a larger sum of money shall require a two-thirds affirmative vote of those present and voting. If there be a majority and a minority report of the Finance Committee the minority report shall have precedence of all other motions to amend the report of the majority and shall be voted upon before any other amendment is considered.

Voted to adopt.

Section 7. Requests by town boards, officers or committees for the insertion of articles in warrants for special town meetings, which requests involve the expenditure or appropriation of money, shall be presented in the first instance to the Finance Committee. The Finance Committee, after due consideration, as provided in Section 4 of this article, shall approve or disapprove, in whole or in part, the expenditure or appropriation involved, and shall so notify the board, officer or committee which submitted the request for the article, and also the Board of Selectmen, with such recommendations or suggestions as the Finance Committee shall deem advisable. When an expenditure or appropriation is sought by the Board of Selectmen for a department or matter under the control of said Board, any proposed article for such expenditure or appropriation must first be

submitted to the Finance Committee for its approval or disapproval, as herein provided.

Voted to lay this section on the table.

The following motion was voted to be made a part of the records by the adjourned town meeting of June 5, 1916. Said motion below made a part of these records, was made by Solon Bancroft, Esq., but was not voted: "That the Town raise the sum of \$900 and the Selectmen be authorized to expend the same, or such portion thereof as in their judgment appears to be wise, in grading and constructing sidewalks, completing partially constructed sidewalks and covering the same with concrete, under the provisions of the laws relating to sidewalks now in force in this Town."

Voted to adjourn to meet in this hall, on Monday, June 12, 1916, at 7.45 p. m.

MILLARD F. CHARLES, Town Clerk.

## ADJOURNED TOWN MEETING

LYCEUM HALL, June 12, 1916.

A town meeting was held as per adjournment, and was called to order by the Moderator, Jesse W. Morton.

### ARTICLE VII—TOWN CLERK

Section 1. The Town Clerk shall keep a true copy (in a book to be kept for such purpose alone) of all deeds and conveyances executed by the Selectmen or by any other person or committee authorized by the Town.

Voted to adopt.

Section 2. It shall be the duty of the Town Clerk to see that every conveyance to the Town of any interest in land, and any plan thereof, is properly recorded in the Registry of Deeds.

Voted to adopt.

Section 3. The Town Clerk shall furnish all boards, committees and officers with a copy of all votes affecting them.

Voted to adopt.



Section 4. Whenever any report of any board or committee is presented to the Town, the Town Clerk shall cause to be entered upon the regular record of the meeting such portions of the report only, if any, as may be necessary for the understanding of the action taken by the Town, and he shall cause the report to be entered in full in a book provided for that purpose, which shall be called the "Book of Reports." But if the report is in print a printed copy may be so entered. The "Book of Reports" shall be duly and fully indexed. The reports shall be numbered for each municipal year in the order of their presentation and a marginal reference shall be made to the date of the meeting at which the report was presented. And the regular record of the meeting shall also make reference to the number of the report as entered in the "Book of Reports."

Voted to adopt.

Section 5. The Town Clerk shall, as soon as practicable after any election has been held by the Town, or any appointment of committees or other officials has been made by the Town or by the Moderator, in addition to the notices he is directed to give to officers who are required to take oath of office, also issue a written or printed notice to all persons who have been elected to any other office or chosen to serve on any committee, stating that office to which such person has been elected, or the duties which such committee was chosen to perform.

Voted to adopt.

Section 6. The Town Clerk shall furnish the Selectmen for publication in the annual printed report of the Town a copy of his record of all town meetings that have been held during the preceding year.

Voted to adopt.

#### ARTICLE VIII—SUPERINTENDENT OF STREETS

Section 1. In addition to the duties imposed by Revised Laws, Chapter 25, and Acts in amendment thereof, the Superintendent of Streets shall keep an accurate account of all money expended and all work done upon the



public ways of the town, and a daily record of the number of men and teams employed, and the extent and nature of the work done.

Voted to adopt as amended.

Section 2. The Superintendent of Streets shall keep a pay roll of the employees of the street department, and of the owners of teams employed thereon, and a detailed account with all parties furnishing materials therefor; the time for which payment is to be made; the rate of wages; the amount and cost of materials furnished, and the amount due in each case.

Voted to adopt.

Section 3. The Superintendent of Streets shall furnish an annual report in detail of the work performed in the street department, and of his recommendations for the ensuing year, to be printed in the annual town report. All his books and accounts shall be at all times open to the inspection of the Selectmen and Finance Committee.

Voted to adopt.

#### ARTICLE IX—FINANCIAL AFFAIRS

Section 1. The financial year shall begin on the first day of January in each year, and end on the last day of the following December.

Voted to adopt.

Section 2. The Town Treasurer and Collector of Taxes shall give good and satisfactory bonds, in sums approved by the Selectmen, and all other officers authorized to receive money in behalf of the Town, except the Superintendent and Registrar of the Water Works and the Manager of the Municipal Light Department, in such sums as the Selectmen shall require. All bonds approved by the Selectmen shall be safely kept by them. In case of the decease or removal from the Commonwealth, or other disqualification of any surety, new sureties shall be furnished.

Voted to adopt.

Section 3. The manager of the Municipal Light Department appointed as provided by statute, shall be some per-

son not a member of the Municipal Light Board. and shall give bond to the Town satisfactory to the Municipal Light Board for the faithful performance of his duties. He shall pay over to the Town Treasurer all money received by him as often as once in each week.

Voted to adopt.

Section 4. The Board of Water Commissioners shall appoint annually a suitable person not of their own number to act as Superintendent and Water Registrar, whose powers and duties shall be defined by the Board, and who, after having given a bond to the Town satisfactory to the Water Commissioners, shall be authorized to collect the water rates and assessments and all sums due the Town in connection with the Water Department. He shall pay over to the Treasurer of the Town, as often as once in each week, all sums of money collected by him.

Voted to adopt.

Section 5. The Treasurer shall be the collector of all sums of money payable to the Town not otherwise specially provided for by the statutes or by these By-Laws.

Voted to adopt.

#### ARTICLE X—CONTRACTS BY TOWN OFFICERS

Section 1. No member of the Board of Selectmen or any officer of the Town authorized to make any contract or agreement in behalf of the Town for labor, materials, goods, wares or merchandise furnished to the Town, or for a loan of money, shall be interested in a private capacity, either directly or indirectly, in such contract, agreement or loan; nor shall either directly or indirectly, for himself or for any other person, receive any commission, discount, bonus, present or reward from the person making such sale, loan, contract or agreement, for furnishing such materials, goods, wares or merchandise.

Voted to adopt.

Section 2. The officers of the different town departments shall call for bids on all labor or material to be furnished to the Town, and on all accounts to be given out by

the Town, where the labor or material to be so furnished, or where the estimated amount under the contract so to be given out exceeds the sum of one thousand dollars (\$1,000): said call for bids shall be advertised by publishing the same in the local newspaper, and by posting notices of the same in three or more public places in the town, or by publishing the same in two Boston daily newspapers, which shall not have less than three insertions in each, at intervals of two days; the last publication to be at least two days before the opening of the bids.

Voted to adopt.

Section 3. The advertisement shall require each proposal to be sealed and properly designated, and shall announce the place, day and hour at which they will be opened. The bids as received shall be deposited in a box securely locked, and at the time and place named shall be publicly opened in the presence of a majority of the Board of Selectmen, or other officers authorized by the Town to make the contract. No bids shall be received after the time advertised for opening.

Voted to adopt.

Section 4. No contract involving the creation of an obligation against the Town exceeding the sum of two hundred dollars shall at any time be made, except by vote of the committee or board, or a sub-committee of said committee or board thereunto duly authorized, having supervision of the department to which the same relates. Such vote shall be recorded on the records of each department, and such records shall at all times be open to the inspection of the Finance Committee.

Voted to adopt.

Section 5. No contract for labor, or for labor and materials, involving the creation of an obligation against the Town exceeding the sum of five hundred dollars, shall be binding upon the Town, unless it is in writing and is signed by at least a majority of the entire board or committee in charge of the work on the part of the Town. Every such contract shall be accompanied by a suitable bond, with sure-

ties, for the faithful performance of the same, or by the deposit of money or security in lieu of such bond.

Voted to adopt.

Section 6. No board or officer shall make any contract in behalf of the Town, the execution of which shall necessarily extend beyond one year from the date thereof, unless special permission so to do has been given by vote of the Town.

Voted to adopt.

Section 7. In every contract entered into on behalf of the Town, involving the employment of mechanics or laborers, by a contractor, a provision shall be inserted to the effect that the board or other authority making such contract may, if it deems it expedient to do so, retain for thirty-five days after the completion of the work under the contract out of any amounts due to such contractor sums sufficient to cover any unpaid claims of mechanics or laborers for work, labor or materials, performed, furnished or used, under such contract.

Voted to adopt.

Section 8. No town board, officer or committee, except as otherwise provided by law shall, in behalf of the Town, make any contract for labor, materials or other expenditures for which no appropriation shall have been made at the time of such contract.

Voted to adopt.

Section 9. The annual report of all town boards, officers and committees shall include a list and the amounts thereof of all unpaid bills.

Voted to adopt.

#### ARTICLE XI—BOARD OF SURVEY

Section 1. The Board of Selectmen shall constitute the Board of Survey, according to Chapter 191 of the Acts of 1907, and shall have all the duties and powers now or hereafter conferred by said Chapter and all acts in amendment or addition thereto.

Voted to adopt.

## ARTICLE XII—CONSTRUCTION OF TOWN WAYS

Section 1. Requirements for Acceptance of Streets. The acceptance of no street less than forty feet in width shall be considered. In case the new street shall be an extension of a street previously accepted by the Town the extension shall be of the same width, not less than forty feet, of the accepted portion, throughout its entire length. Plans, profiles and descriptions of each street shall be filed with the Board of Survey with the petition for acceptance. The plans shall show the existing street lines and property lines as nearly as possible to scale, the locations of all buildings along said street, the proposed street line to be shown in red, giving ties from the same to permanent monuments such as old street bounds, buildings, etc., so that the street lines as established could be determined upon the ground by any competent engineer. Where damages are to be paid the plan shall show the areas of the parcels to be taken.

The profiles shall show the existing ground line on the centre and each side of the proposed street, the sills of all buildings along said street and in RED the finished grade to which the street is to be built. The chairman of the Board of Survey, of the Water Commissioners and the Sewer Commissioners shall establish a town datum, which elevation shall be clearly referred to on all profiles.

Voted to adopt.

Section 2. The description shall be complete in all respects so that the lines could be determined from the description alone in case the plan should be lost, mentioning ties to permanent bounds or objects.

Voted to adopt.

Section 3. Relocations of all or portions of existing streets shall be made in accordance with the requirements for new streets where possible.

Voted to adopt.

Section 4. Before being accepted, streets must be brought to approximate sub-grade, as shown on the profile filed. The roadbed must be covered by a layer at least six



inches deep of good blue gravel, broken stone, or other equally good material, and a gravel sidewalk shall be built on at least one side of the street for its entire length. Sufficient provision must also be made for ordinary surface drainage.

Voted to lay Section 4 on the table.

Section 5. Stone or other permanent monuments shall be placed by the Town at each angle point and at the beginning and end of each curve.

Voted to adopt.

Section 6. All private parties desiring the acceptance of streets by the Town shall file with the petition an agreement signed by all owners of property taken to deed the property taken to the Town.

Voted to adopt.

Section 7. Whenever any way shall have been laid out or altered by the Board of Survey and accepted and allowed by the Town, no entry for the purpose of constructing any part of such laying out or alteration shall be made until all claims for damages by reason thereof shall have been finally adjusted or determined, unless such entry shall be authorized by special vote of the Town.

Voted to adopt.

#### ARTICLE XIII—STREETS AND HIGHWAYS

Section 1. No building shall be removed over a public street without a written permit from the Selectmen, and no permit shall be given when such removal will cause the destruction or injury of any tree standing on the street, or owned by any person and projecting over the street, unless the written consent of the person on or in the front of whose premises such tree may stand shall first be obtained. If any building shall be removed over or through any public street or square, the owner of such building and the person or persons moving the same shall be jointly and severally liable to the Town for all damages, costs and expenses for which the Town may be liable, or which it may be compelled to pay in consequence of such removal, and it shall be the



duty of the Selectmen to require from any person, permitted by them to remove any building, a sufficient bond of indemnity to secure the Town from any loss therefrom.

Voted to adopt.

Section 2. Any person desiring to build a sidewalk on any of the streets or ways of the Town shall first obtain a written permit from the Board of Survey, who shall specify the grade, width, material and mode of construction of the same; and any person wishing to set out shade or ornamental trees upon any of the public streets shall first obtain a similar permit, which permit shall specify the location where such trees may be set and the distance from the boundary line of the street.

Voted to adopt.

Section 3. No person except the Selectmen in the lawful performance of their duties, or those acting under their orders, shall obstruct any sidewalk or street, or any part thereof, or break or dig the ground of the same, without first obtaining a written license from the Selectmen; and all persons so obstructing any sidewalk or street, or any part thereof, shall put and keep up a suitable railing around the parts so obstructed, and shall place a substantial and convenient walk around such obstructions, and keep lighted lanterns fixed at proper places through the night as the Selectmen, Sewer Commissioners or Water Commissioners shall direct.

Voted to adopt as amended.

Section 4. No person shall place or cause to be placed in any street, public place, or private way in the Town, any obstruction, or make any dumping ground for the deposit of ashes, garbage, carrion, filth, offal, or any kind of rubbish, except in such places, and in such manner as shall be directed by the Selectmen.

Voted to adopt.

Section 5. No person shall pasture any cattle or other animals upon any street or way in the Town,—except within the limits of said way adjoining his premises and in charge

of a keeper,—nor permit any dangerous animal to go at large, or to pass through the streets unless safely secured.

Voted to adopt.

Section 6. No person shall tie or fasten any horse, cattle or team to any of the trees planted in any public highway, street or public lands in this Town, nor drive into said trees any nails, spikes, hooks or staples, nor affix any signs thereto.

Voted to adopt.

Section 7. No person shall coast in any of the streets or public walks of this Town, except under such regulations as the Selectmen may establish.

Voted to adopt.

Section 8. No person shall drive, wheel or draw any vehicle upon any sidewalk in the Town, nor permit any horse, cattle, swine, sheep or goats under his or her care to go upon any sidewalk in the Town except at regular crossings.

Voted to lay Section 8 on the table.

Section 9. No person shall place or keep on any sidewalk of the Town, in front of any building, any awning, shade or other projection, less than seven and one-half feet above the sidewalk at the lowest part of such awning, shade or projection, nor shall any such awning, shade or projection extend beyond the exterior line of said sidewalk.

Voted to adopt.

Section 10. No owner or tenant of land abutting upon brick, concrete, asphalt, stone or other curbed or finished sidewalks, shall place or suffer to remain for more than five hours between sunrise and sunset, any snow upon such sidewalk, nor any ice upon such sidewalk unless such ice is made even and covered with sand, ashes, or other material to prevent slipping. Such snow or ice may be removed from the sidewalk to the street, provided, however, that the same is made even at the time of removal.

Voted to lay Section 10 on the table.

Section 11. Any person driving or controlling a vehicle in turning to the left into another street shall pass to the

right of and beyond the center of the intersecting street before turning.

Voted to adopt.

Section 12. No person, by himself, or his agents or servants, shall distribute or place in or upon any street, square, park, common, lane, alley, way, or other public place, or attach to any tree or post in the limits of any such street, square, park, common, way, lane, alley, or other public place, any placard, handbill, flyer, poster, advertisement or paper of any description, except such notices as may be placed by order of the Board of Selectmen, or other legal authority.

Voted to adopt.

Section 13. No person shall place or maintain any sign that shall project over any street or sidewalk unless he has first procured a permit so to do from the Board of Selectmen.

Voted to adopt.

Section 14. No person shall form or conduct any parade in any street, sidewalk or public way within the Town, or form or conduct for the purpose of display or demonstration, any procession or assembly of people, except a military or funeral parade or procession, within such street, sidewalk or way, without first obtaining a written permit from the Chief of Police; and no person shall take part in any such parade, procession or assembly which is not authorized by such a permit.

Voted to adopt.

Section 15. No person shall give any public address, speech or harangue in any street, public square or public park within the Town, without a written permit from the Chief of Police.

Voted to adopt.

Section 16. Any person violating any of the provisions of this article shall be punished by a fine of not more than twenty dollars.

Voted to adopt.

Solon Bancroft moved to reconsider Section 9 of Article 13. Said motion was lost.

#### ARTICLE XIV—PUBLIC CARRIAGES

Section 1. The Selectmen shall from time to time license, upon such terms as they shall deem expedient, proper persons to maintain hackney carriages or other vehicles for carrying passengers for hire, and may assign to such persons stands where they may remain and solicit passengers, and shall fix the prices to be charged for the conveyance of passengers and baggage. Such licenses shall not be transferable, may be revoked at any time, and shall expire upon the first day of May next succeeding the date thereof. No person shall solicit passengers in any street or other public place without such license. No person less than eighteen years of age shall drive any licensed public vehicle.

Voted to adopt.

#### ARTICLE XV—POLICE REGULATIONS

Section 1. It shall be the duty of the Selectmen to appoint annually one or more police officers, who shall hold office one year, or until others are appointed, unless sooner removed by the Selectmen, and who shall receive pay as the Town shall order. It shall be the duty of these officers to notice all offences against the By-Laws of this Town and the Statutes of the Commonwealth, and to cause prosecution to be commenced forthwith against all offenders, under the direction of the Selectmen.

Voted to adopt.

Section 2. It shall be the duty of the Police Officers and Constables to report in writing, annually, to the Board of Selectmen, the facts concerning all arrests made by them.

Voted to adopt.

Section 3. No person shall throw stones, snowballs, or other missiles, nor shoot with bow and arrow or other weapon, nor play at base ball, football or other games, nor fly any kites, nor unnecessarily make any tumultuous or alarming noise in the streets or public grounds of the Town to the annoyance of other persons; nor by noise otherwise

disturb the quiet of any person, by day or night; but this section shall not be construed so as to interfere with such recreation of the pupils attending the public schools as the School Committee may sanction.

Voted to adopt.

Section 4. No person shall stand or remain on any sidewalk or street, or in or about the entrance of any building used for public purposes, in such a manner as to obstruct the same, or loiter upon any premises not his own, but shall move on immediately when ordered by any of the constables or police officers of the Town.

Voted to adopt.

Section 5. No person shall behave in any indecent or disorderly manner, nor use profane, indecent or insulting language, in any public place or building, or on any sidewalk or street in the Town, or near any dwelling house or other building in said Town.

Voted to adopt.

Section 6. No person shall kindle any bonfire or other fire on the highways or lands belonging to this Town, or on any other lands, streets or ways not his own, nor discharge any rockets or other fireworks so that the same or ignited fragments thereof shall fall upon any land not his own, without permission from the Selectmen or from the owners of said streets, ways, or lands.

Voted to adopt.

Section 7. No person shall at any time fire India crackers, torpedoes, or other explosive articles, or discharge any firearms or cannon, on or across any street or way, near any vehicle passing thereon, or any dwelling house, except in performance of some legal duty, nor carelessly use guns or other firearms, nor point at another with any firearm, whether loaded or otherwise, at any time, or in any place, within the limits of the Town.

Voted to adopt.

Section 8. No person shall post, affix, nor in any way attach any poster, hand-bill, notice, advertisement or



placard, to or upon any post, wall, fence, tree, building, or structure not his own; nor mar, deface, or disfigure the same without the permission of the owner.

Voted to adopt.

Section 9. No person shall wilfully or maliciously deface or tear down any bill, placard, or notice posted for a lawful purpose, except the same be unlawfully affixed to premises owned by him or under his control.

Voted to adopt.

Section 10. The Selectmen may license suitable persons to be dealers in and keepers of shops for the purchase, sale or barter of junk, old metals and second hand articles.

Voted to adopt.

Section 11. Every keeper of such shop shall put in some suitable and conspicuous place in his shop a sign having his name and occupation legibly inscribed thereon in large letters.

Voted to adopt.

Section 12. Every such shop and all articles of merchandise therein, and any place, vehicle or receptacle used for the collection or keeping of the articles aforesaid, may be examined at all times by the Selectmen or any person by them authorized thereto.

Voted to adopt.

Section 13. Every keeper of a shop for the purchase, sale or barter of junk, old metals or second hand articles, within the limits of the Town, shall keep a book, in which shall be written, at the time of every purchase of any such article, a description thereof, the name, age and residence of the person from whom, and the day and hour when such purchase was made. Such book shall at all times be open to the inspection of the Selectmen or of any person by them authorized to make such inspection.

Voted to adopt.

Section 14. No keeper of such shop and no junk collector shall directly or indirectly, either purchase or receive



by way of barter or exchange, any such goods of a miner or apprentice knowing or having any reason to believe him to be such.

Voted to adopt.

Section 15. No keeper of such shop shall sell or permit to be sold any article purchased or received by him until at least thirty days from the date of its purchase or receipt has elapsed.

Voted to adopt.

Section 16. No keeper of such shop shall have his shop open for the transaction of business, nor shall he or any junk collector purchase any of the aforesaid articles, except between sunrise and nine o'clock in the evening of any week day.

Voted to adopt.

Section 17. The Selectmen may also license suitable persons as junk collectors, to collect, by purchase or otherwise, junk, old metals and second hand articles from place to place within the Town.

Voted to adopt.

Section 18. Every junk collector shall display upon each side of all vehicles used by him when engaged in collecting, transporting or dealing in junk, old metals or second hand articles, his name, residence and number of his license, in letters and figures that may be distinctly seen.

Voted to adopt.

#### ARTICLE XVI—JOB AND EXPRESS WAGONS

Section 1. The Board of Selectmen may license suitable persons to set up and use job and express wagons for the transporting for hire, goods, wares, furniture or rubbish, within the Town of Reading. All persons engaging in such transportation for hire within the Town of Reading shall take out such number of job and express wagon licenses as will equal the greatest number of such vehicles to be used at any one time by said person during the year for which the license is issued. Such license shall expire

on the thirtieth day of April of each year, and may be revoked at the pleasure of the Selectmen.

Voted to adopt.

Section 2. The fee for such license shall be one dollar for each vehicle used thereunder, payable to the Town Clerk for the use of the Town.

Voted to adopt.

Section 3. No person shall engage in the business of transporting for hire, goods, wares, furniture or rubbish as specified in Section 1 of this article without first obtaining a license or licenses therefor as above set forth.

Voted to adopt.

Section 4. Every person licensed under the provisions of this article shall cause his name and the number of his license to be printed or placed in plain, legible words and figures in a conspicuous place on the outside of each vehicle used in exercising said license.

Voted to adopt.

Section 5. Whoever violates any of the provisions of this article shall be subject to a fine of not more than ten dollars for each offense.

Voted to adopt.

#### ARTICLE XVII--HAWKERS AND PEDDLERS

Section 1. No person shall hawk or peddle any of the articles enumerated in Chapter 345 of the Acts of 1906, or any acts in addition thereto, or in amendment thereof, until he has recorded his name and residence with the Chief of Police and has been assigned a number by him, nor unless any vehicle or receptacle in which he shall carry or convey such articles, shall have printed on it or attached thereto in a conspicuous place, in letters or figures at least three inches in height, the number given him.

Voted to adopt.

Section 2. No person hawking or peddling any articles referred to in Section 1 shall cry his wares to the disturb-

ance of the peace and comfort of the inhabitants of the Town.

Voted to adopt.

Section 3. No hawker or peddler shall carry or convey any article referred to in Section 1 in any manner that will tend to injure or disturb the public health or comfort, or otherwise than in vehicles and receptacles which are neat and clean.

Voted to adopt.

Section 4. No person, except one engaged in the pursuit of agriculture, shall hawk or peddle fruit or vegetables in the Town of Reading until he has been licensed thereto by the Selectmen. Licenses so granted shall expire on April 30 of each year, and may be revoked at the pleasure of the Selectmen. The fee for such license shall be five dollars, but a licensee who is a resident of the Town of Reading and a qualified voter, and who pays taxes upon his stock in trade, shall not be required to pay any fee.

Voted to adopt.

Section 5. No hawker or peddler shall throw any refuse or waste matter on any street, highway or park of said Town of Reading.

Voted to adopt.

Section 6. No number shall be assigned to any hawker or peddler unless he presents to the Chief of Police a receipt from the Sealer of Weights and Measures, showing that the weights and measures used by him have been properly inspected, tested and sealed.

Voted to adopt.

Section 7. Any person violating any of the provisions of this article shall be punished by a fine of not more than ten dollars.

Voted to adopt.

#### ARTICLE XVIII—PLANNING BOARD

Section 1. There shall be a Planning Board consisting of five voters of the Town who shall perform the duties prescribed in Chapter 494 of the Acts of 1913, and all acts that

have been or may hereafter be passed in amendment thereof or addition thereto. The members of this board shall be duly nominated like other town officers, and shall be elected by a vote on the official ballot at the annual town meeting in March, 1917; two members for the term of three years, two for the term of two years, and one for the term of one year. At each annual meeting thereafter, one or two members of said Board shall be elected for the term of three years as the term of office of one or two members expire. Vacancies caused by the removal from the Town, resignation, or death shall be filled by the remaining members for the unexpired term. The members of such board shall serve without pay. It shall also be the duty of such board to consider and report upon municipal improvements, in regard to which the advice of the board at any time may be asked by any official or officials of the Town; and such board may also, upon its own initiative, make to any official or officials of the Town, such recommendations in regard to municipal improvements as such board may from time to time think proper or expedient. Such board shall make a report to the Town annually, giving information regarding the condition of the Town and plans or proposals for the development of the Town and estimates of the cost thereof. Such report shall be sent to the Selectmen not later than January first in each year.

Voted to adopt.

#### ARTICLE XIX—TOWN ENGINEER

Section 1. The Board of Selectmen, the Water Commissioners and the Sewer Commissioners acting jointly, each member having one vote, shall appoint annually a Town Engineer, who shall be an experienced Civil Engineer, but not a member of any of said boards. He shall receive such compensation as may be determined by the annual town meeting.

Section 2. All public service companies having any construction work on or under the surface of any public street or way within the Town shall file with the Town

Engineer plans showing fully the location and kind of all such construction work.

Section 3. It shall be the duty of such Town Engineer to properly index and care for all plans belonging to the Town or filed with him, provide and keep safely plans showing full records regarding all mains, supply pipes, taps and hydrants of the Water Works; all plans and engineering records of the Sewer and Street Departments. He shall report on all work of an engineering nature for any department of the Town previous to final action by the Town or any department thereof, and have charge of all of the engineering work of all public work. He shall hold office until his successor is appointed and accepts.

Article 19 voted to pass over.

#### ARTICLE XX—TOWN PROPERTY

Section 1. No person shall turn on or off the water at any water main, service pipe, hydrant, water post, drinking fountain or other fixture or appurtenance connected with the Reading Water Works, or make any opening into or connection therewith without authority from the Superintendent of the Water Department, excepting that hydrants may be used by firemen in the discharge of their duty.

Voted to adopt.

Section 2. No person shall maliciously, wantonly or carelessly break, destroy, injure, or in any way interfere with any wire or other fixture connected with the electric light, power and lighting system of the Town or to the Fire Alarm system of the Town.

Voted to adopt.

Section 3. No unauthorized person shall handle or in any way interfere with tools, apparatus, machinery or fixtures belonging to the Fire, Police, Water or Municipal Lighting Department, or any signal box, wire, pole or other thing connected with any of said departments.

Voted to adopt.

Section 4. No person, except town officers, constables, or police officers, in the performance of their duties, shall

enter into or remain in any hose house, or other building occupied by the Fire, Water, Police or Municipal Lighting Department without the permission of the officer having charge of such house or building.

Voted to adopt.

Section 5. No person shall drive any horse, automobile or other vehicle upon or over any hose pipe lawfully placed in a street, or in use at a fire.

Voted to adopt.

Section 6. No person shall gamble, or keep, use, or have in his possession any spiritous or intoxicating liquor in any building or room owned or occupied by the Town.

Voted to adopt.

#### ARTICLE XXI—ELECTRIC WIRING

Section 1. The Board of Selectmen shall annually appoint a competent person Inspector of Wires in accordance with Chapter 122, Section 18, of the Revised Laws, who shall receive such salary as the town meeting shall decide, and who shall have the powers and duties set forth in said Chapter.

Voted to adopt.

Section 2. All electric wiring installed in or on any building, designed to carry electricity for light, heat or power, shall be installed in accordance with the requirements of the National Board of Fire Underwriters, and no fittings or appliances shall be used except those which conform to the standards of the "National Code."

Voted to adopt.

#### ARTICLE XXII—DUTIES OF SCHOOL COMMITTEE

Section 1. The annual report of the School Committee shall contain: (A) A statement showing the value of the school property held by the Town in the buildings, grounds, furniture, textbooks and supplies. (B) A statement of the cost of public day and evening schools as required by the State Board of Education. (C) A statement of the rank of the Town in its appropriations for schools as returned by



the State Board of Education. (D) A report of the year's work in the schools with such requests and suggestions regarding educational work as the Committee deems fitting. (E) The School Calendar for the year. (F) A tabulated statement of membership, attendance and truancy in the schools. (G) A detailed statement of expenditures during the year. (H) List of teachers and other appointees of the Board with their salaries. (I) Such other information as the Board may deem feasible relative to the conduction and condition of the department, together with such requirements as may seem proper for the conduction of the department.

Voted to adopt.

#### ARTICLE XXIII—DUTIES OF FIRE DEPARTMENT

Section 1. The Chief Engineer shall be held responsible to the Selectmen for the discipline, good order and proper condition of the officers and members of the department, and for the good condition of all houses, engines, motor apparatus, hose, hose carriages, horses, hooks and ladders belonging to the department. He shall enforce the rules and regulations of the Fire Department.

Voted to adopt.

Section 2. The Board of Fire Engineers shall annually make a written report to the Board of Selectmen, to be printed in the annual town report. Such report shall contain:

(a) A list of all fires during the year, amount of hose used in each case, time of alarm and cause of fire.

(b) A list of fire alarm boxes and their location.

(c) A statement of the property and apparatus in possession of the department, and its condition.

(d) A statement of the expenses of the department in detail, for the preceding municipal year.

(e) A list of the names and salaries of all officers and members of the department, with the company to which they are attached.

(f) Such other information as the board may deem advisable relative to the conduct and condition of the department, together with such recommendations as may seem proper for the future conduct of the department.

Voted to adopt.

Section 3. The Board of Fire Engineers, or any member thereof, in charge of fighting a fire, may cause any street or portion thereof, in the vicinity of such fire, to be roped off, or closed, as in his discretion he may deem necessary.

Voted to adopt.

#### ARTICLE XXIV—FREE PUBLIC LIBRARY

Section 1. There shall be chosen by ballot, at the annual town meeting in each year, two Trustees of the Public Library, to fill the vacancies occurring by the expiration of the term of service of persons heretofore elected, which Trustees shall hold office for the term of three years.

Voted to adopt.

Section 2. All moneys appropriated for said library shall be expended by the Board of Trustees in the purchase of such books as they shall select, and in the support and promotion of its interests and efficiency.

Voted to adopt.

Section 3. The Board of Trustees shall have full power to appoint a librarian and such subordinate officers as they may deem expedient, determine their duties, fix their salaries and remove them at pleasure.

Voted to adopt.

Section 4. The Board of Trustees shall have the sole management of the library and custody of the library building, books and other property, and shall have full power to make any and all needful regulations for governing said library and the use thereof.

Voted to adopt.

Section 5. The said Trustees shall lay before the Town, at each annual meeting, a detailed report of their doings and of the condition of the library, to be printed in the annual town report.

Voted to adopt.

Section 6. The Town shall appropriate annually, at least, the sum of twenty-five hundred dollars, for the support, care and maintenance of a free public library.

Voted to adopt.

#### ARTICLE XXV—ENFORCEMENT OF BY-LAWS

Section 1. Whoever violates any provision of these By-Laws shall, in cases not otherwise provided for, forfeit and pay for each offense a fine not exceeding ten dollars.

Voted to adopt.

#### ARTICLE XXVI—REPEAL

Section 1. These By-Laws and the repeal of all By-Laws heretofore in force, shall not affect any act done, any right accrued, any penalty or liability incurred, or any suit, prosecution, or proceeding pending at the time they take effect.

Voted to adopt.

Section 2. All By-Laws heretofore in force shall be repealed and these By-Laws shall become effective when the latter are approved and published, as required by statute.

Voted to adopt.

Article 9. Voted to adopt as Section 6 of Article 9:

The board of Sewer Commissioners shall annually appoint a suitable person, not of their own number, to act as Superintendent of Sewers.

On motion of Carl M. Spencer, it was voted to take up in their order articles or sections which have been previously laid on the table.

On motion of Solon Bancroft, the following, as Section 1 of Article 1, was adopted as a By-Law:

The annual town meeting shall be held on the first Monday of March of each year, upon which day all Town Officers required to be elected by ballot shall be chosen and a vote taken upon the question of granting licenses for the sale of intoxicating liquors, as required by statute. Votes may also be taken upon any question that the Town at a previous

meeting may have referred to the next annual meeting to be decided by ballot. Upon completing the election and counting the votes and declaring the result thereof, the meeting shall stand adjourned till the second Monday of March, at such time as the Selectmen shall name in the warrant calling the meeting, for the transaction of all other business that may be properly brought before the meeting.

Solon Bancroft moved to substitute for Rule 9, Article 1, of the By-Laws reported by the committee, the following:

Rule 9. No motion once made and disposed of, except a motion to adjourn, shall be again received at the same meeting; but any voter may move a reconsideration of any action taken upon any question, except motions to adjourn, to lay or take from the table, or to reconsider action previously taken. No motion for reconsideration shall be in order unless made in good faith, and not for the purpose of preventing subsequent action on the question decided. No vote fixing the time of closing the polls shall be reconsidered except for the purpose of extending such time.

This motion was not carried.

Solon Bancroft moved to reconsider. Motion was not carried.

It was voted to adjourn to meet in this hall on Monday, June 19, 1916, at 7.45 o'clock P. M.

MILLARD F. CHARLES, Town Clerk.

## ADJOURNED TOWN MEETING

LYCEUM HALL, June 19, 1916.

A town meeting was held as per adjournment, and was called to order by the Moderator, Jesse W. Morton.

It was voted to take Rule 9 of Article 1 from the table.

It was voted to accept Rule 9 of Article 1, as amended, by substituting session for meeting where it occurs in the rule.

Rule 9. No motion once made and disposed of, except a motion to adjourn, shall be again received at the same

session but except on motions to adjourn, and to lay on and take from the table, any one so desiring may move a reconsideration. A motion to reconsider any vote may be made before the final adjournment of the meeting at which the vote was passed, but such motion to reconsider cannot be acted upon at that session; but no motion to reconsider shall be made at an adjourned session unless the mover has given notice of his intention to make such a motion, either at the session of the meeting at which the vote was passed, or by written notice to the Town Clerk, within forty-eight hours after the adjournment of such session. There can be no reconsideration of a vote once reconsidered and when reconsideration has been once refused by the meeting the Moderator shall not entertain a subsequent motion to reconsider. No motion for reconsideration shall be in order unless made in good faith, and not for the purpose of preventing subsequent action on the question decided. No vote fixing the time of the closing of the polls shall be reconsidered, except for the purpose of extending such time.

Voted to take Section 1 of Article 2 from the table.

Voted to adopt Section 1 of Article 2, as reported by By-Law Committee.

#### ARTICLE II—SEAL OF THE TOWN

Section 1. The following shall be the device of the seal of the Town of Reading, to wit:—

Within a circle bearing at the top "Town of Reading" and below "Settled 1639; Incorporated 1644," a shield, Argent, an ancient water mill with under shot wheel at the end thereof, in view over a stream of water, with a spruce tree at the left and three ravens au vol. Crest—an uplifted arm with the hand grasping a sword. Supporters—branches of white pine. The whole substantially like the following representation:





Section 4 of Article 3 voted to take from the table.

It was voted to adopt this section as reported by the By-Law Committee.

Section 4. The Board of Assessors shall have authority to number or renumber all houses and buildings, and no one shall number or change their street numbers without first getting permission from the Board of Assessors. The Board of Assessors may, in their discretion, order numbers to be affixed to or painted on the buildings on any street. The owner of every house shall comply with such order within ten days after receiving notice thereof. The Assessors shall within ten days from the date of any request designate to owners the number or numbers to be affixed to houses and buildings owned by the person or persons by whom, or by whose agent, such request is made.

Section 4 of Article 6: it was voted to take from the table.

It was voted to adopt this section as amended:

The Selectmen and all boards, committees, heads of departments or other town officials authorized by law to expend money, shall furnish to the Town Accountant, not less than ten days before the end of the town financial year, detailed estimates of the amounts necessary for the proper maintenance of the department under their jurisdiction for the ensuing year, and an estimate of amounts necessary for outlays, or permanent improvements. They shall also prepare estimates of any income likely to be received by the Town during the ensuing year, in connection with the Town's business or property entrusted to their care. The Selectmen shall include in their estimates the salaries and expenses connected with their own office, and the salaries of all other town officers shall be included in the estimates for the office, department or branch of the public service committed to their charge. The Treasurer shall, in addition to his own estimate of the amount required for the maintenance of his own office, prepare a separate statement indicating the amounts required for the payment of interest on the town debt and for the payment of such portions of the



town debt as may become due during the succeeding year. The Town Accountant shall, immediately upon the close of the fiscal year, compile statements in tabulated form so as to show the amounts appropriated and the amounts expended from each appropriation during the preceding year and the estimates for the current year, and shall forthwith furnish a copy of the same to the Finance Committee. The Finance Committee shall duly consider the same and confer with said Town boards, officers, committees and citizens responsible for the insertion of warrant articles calling for the appropriations of money and shall hold at least one public meeting before each town meeting, at which such items are to be considered for the consideration and public discussion of any matters before the committee, such meeting to be held not less than ten days before said town meeting. The Finance Committee shall after due consideration designate the amounts which in their opinion should be appropriated for the ensuing year, and shall accompany the same with such explanations and suggestions in relation to proposed appropriations as they may deem desirable for the proper information of the citizens. The Selectmen shall cause this document to be printed and to be distributed in advance of or at the annual town meeting, and the Town Clerk shall transmit a copy of the same and of all town reports to the director of the bureau of statistics.

Voted to take Section 7 of Article 6 from the table.

Section 7 of Article 6. Voted to adopt the following:

Section 7. Requests by town boards, officers or committees for the insertion of articles in warrants for special town meetings, which requests involve the expenditure or appropriation of money, shall be presented in the first instance to the Selectmen, and shall be referred by them to the Finance Committee, who after due consideration, as provided in Section 4 of this article, shall approve or disapprove, in whole or in part, the expenditure or appropriation involved, and shall so notify the board, officer or committee which submitted the request for the article, and also the Board of Selectmen, with such recommendations or sug-

gestions as the Finance Committee shall deem advisable. When an expenditure or appropriation is sought by the Board of Selectmen for a department or matter under the control of said board, any proposed article for such expenditure or appropriation must first be submitted to the Finance Committee for its approval or disapproval, as herein provided.

It was voted to take from the table Section 4 of Article 12.

It was voted to adopt the substitute section.

Section 4, Article 12. No street or way over private land, the plan of which is approved by the Board of Survey and recorded in the Registry of Deeds, after June 1, 1916, shall be hereafter accepted or laid out as a public way, unless the same is previously constructed and completed by the owner of the land, in accordance with the specifications hereinafter set forth. Such street shall be first cleared of all stumps, roots, brush and like material and all trees not intended for preservation. All clay, loam and loamy material shall be removed from the limits of the street, inclusive of a sidewalk, on at least one side of the street for its entire length, to such depth as may be approved by the Superintendent of Streets. All work in excavation or embankment shall be brought to a sub-grade of six inches for the roadway and four inches for the sidewalk, below finished grade, and the materials for sub-grading shall be such that when the same is completed the roadway shall be in a suitable condition to receive the finish grading material. The sidewalks must be brought to a sub-grade of four inches below finish grade. Above sub-grade, and to finish grade, good building gravel shall be used on the roadway, and on sidewalks clean cinders may be used in place of gravel. Sufficient provision must also be made for ordinary surface drainage.

Article 13, Section 8. Voted to take from the table.

Voted to adopt substitute section, as follows:

No person shall drive, wheel or draw any vehicle, excepting vehicles propelled by hand and intended for carry-

ing children, upon any sidewalk in the Town, nor permit any horse, cattle, swine, sheep or goats, under his or her care, to go upon any sidewalk in the Town, except at regular crossings.

Article 13, Section 10. Voted to take this section from the table.

A substitute motion was offered but was not voted.

It was voted to indefinitely postpone this section.

Article 19. It was voted to take this article from the table.

A substitute motion was offered and voted down.

It was voted to indefinitely postpone this article.

Article 2. On motion of Charles A. Loring, it was voted to take this article from the table.

On motion of Charles A. Loring, it was voted to instruct the Selectmen to confer with the officials of the Boston & Maine Railroad in regard to the crossing on High or Vine Streets, which is considered dangerous.

On motion of Edwin L. Hutchinson, it was voted that the By-Laws, as adopted, be sent by the Town Counsel to the Attorney-General of the Commonwealth for approval.

On motion of Carl M. Spencer, it was voted that the Building Laws be adopted as a part of these By-Laws, and the By-Laws be adopted when approved.

Article 15. It was moved by Solon Bancroft that Article 15 be reconsidered.

The Moderator decided the motion out of order.

It was voted to adjourn without date.

MILLARD F. CHARLES, Town Clerk.

### SPECIAL TOWN MEETING

SECURITY HALL, READING, MASS., Oct. 23, 1916.

A town meeting was held and called to order by the Town Clerk. Jesse W. Morton was elected Moderator.

Article 2. To determine what instructions be given the Town Officers.

On motion of A. Newell Howes, it was voted that the Selectmen be instructed, and they hereby are instructed, to see what action can be taken to dispose of the property known as the Parker Tavern.

On motion of Charles A. Loring, it was voted that all motions for the raising of money by notes, bonds, etc., shall be referred to the Town Counsel for an opinion as to legality, and shall be typewritten, and the Town Accountant and Bureau of Statistics shall be consulted.

Article 3. To see if the Town will authorize the Board of Water Commissioners to extend the water main on Grand and Lowell Streets, from Harriman Avenue to land of McTernan Rubber Company, and authorize the sale of one water bond to pay for same, or what they will do in relation thereto.

On motion of Lewis Bancroft, it was voted that the Board of Water Commissioners be and hereby are authorized to extend the water main on Grand and Lowell Streets, from Harriman Avenue to Gould Avenue, at land of McTernan Rubber Company, and to sell one \$1000 water bond to pay cost of same.

Article 6. To see what action the Town will take towards the abatement of the disagreeable and injurious fumes arising from the plant of the Merrimac Chemical Company or the New England Manufacturing Company, or both, or what it will do in relation thereto.

On motion of Frank H. Nutting, it was voted that whereas the fumes and gases escaping from the plant of the Merrimac Chemical Company, situated at North Woburn, Mass., at times pollute the air of a large section of the Town of Reading, causing great annoyance and inconvenience to the inhabitants of said section, due to the disagreeable and obnoxious odors of said fumes and gases, and the effect of the same on the throats and mouths of persons inhaling them, sometimes causing coughing, and whereas said fumes and gases are liable to, if they have not actually, injuriously affected the health of many persons, residents of said section; and whereas, in consequence of the facts here-

inbefore set forth, said fumes and gases amount to a positive nuisance and create a condition intolerable to the residents of said section; now, therefore, be it resolved: that the Selectmen be, and they hereby are, authorized and instructed forthwith to petition the State Board of Health to grant a hearing in the premises, and if it find that the condition above described amounts to a nuisance, that it order an abatement of the same in accordance with the statute in such case made and provided.

Article 2. It was voted to take this article from the table.

It was voted that the Board of Health be instructed to investigate complaint of George P. Abbott as to garbage which is collected by William Kelch being left exposed and causing bad odor.

Voted to lay Article 2 on the table.

Article 4. To see if the Town will instruct the Board of Selectmen to petition the next General Court for an act to confirm the locations granted by the Town of Reading for the electric lines of its light and power department.

Carl M. Spencer made a motion in regard to this article. Said motion was laid on the table.

Article 5. To see if the Town will authorize a transfer of \$900 from the excess overlay account to the Fire Department, or what they will do in relation thereto.

On motion of Edgar O. Dewey, it was voted that for the purpose of providing additional funds for the Fire Department the Town Accountant be, and he is hereby, authorized to transfer the sum of \$900 from the reserve fund from the surplus overlay account to the Fire Department appropriation.

Article 7. To see if the Town will accept a gift of 11 1-2 acres, more or less, of Mary E. Temple and others, to be used as a public park or playground, or what it will do in relation thereto.



Edgar O. Dewey moved that the town meeting express by vote whether they would accept the land as mentioned in this article for a park, with the restrictions mentioned.

It was voted unanimously to do so.

It was also voted that the Selectmen be a committee to notify the parties wishing to make this gift of the vote, expressing their pleasure to accept it.

Article 2. Voted to take from the table.

On motion of C. Winthrop Smith, it was voted that the Selectmen be instructed to act on acceptance of the Park Act as soon as possible.

Voted to lay Article 2 on the table.

Article 8. To see if the Town will amend the vote, passed under Article 17 of warrant, for the special town meeting, held May 22, 1916, which authorized the borrowing of \$3,000 for the purchase of land near the Highland School, and to move the Grouard house, so as to provide the fund in the following manner: \$2,025 to be transferred from the excess overlay account, and to authorize the Treasurer to borrow the sum of \$975, and to issue a note of the Town therefor, payable in one year from date of issue.

On motion of Edgar O. Dewey, it was voted that the Town amend Article 17 of the warrant for the special town meeting, held May 22, 1916, which authorized the borrowing of \$3,000 for the purchase of land near the Highland School, and to move the Grouard house, so as to provide the funds in the following manner: \$2,025 to be transferred from the reserve fund from the surplus overlay account for removing the Grouard house and incidentals, and to authorize the Treasurer, with the approval of the Selectmen, to borrow the sum of \$975 for the purchase of land, and to issue a note of the Town therefor, payable in one year from date of issue.

Article 9. To see if the Town will amend the vote, passed under Article 24 of the warrant for the annual town meeting, held March 13, 1916, which authorized the borrowing of \$9,500 for the purchase of a motor hook and ladder truck and combination hose truck, so as to provide the



funds in the following manner: \$323 from the reserve fund from the surplus overlays; \$500 to be transferred from the water pipe extension, authorized in accordance with Article 45 of the warrant for the annual town meeting; \$127 from the receipts from licenses not otherwise appropriated; together with \$500 transferred from the reserve fund by vote of the Selectmen; and to authorize the Treasurer to borrow the sum of \$8,000, and to issue notes or bonds of the Town therefor, payable \$2,000 in one year from date of issue and \$1,500 annually thereafter, so that the whole loan shall be paid in not more than five years from the date of the first note or bond.

On motion of Edgar O. Dewey, it was voted that the Town amend the vote, passed under Article 24 of the warrant for the annual town meeting, held March 13, 1916, which authorized the borrowing of \$9,500 for the purchase of a motor hook and ladder truck and combination hose truck, so as to provide the funds in the following manner: \$323 from the reserve fund from the surplus overlays; \$500 to be transferred from water pipe extension, authorized in accordance with Article 45 of the warrant for the annual town meeting; \$177 from the receipts from licenses not otherwise appropriated; together with \$500 transferred from the reserve fund by vote of the Selectmen; and that the Treasurer, with the approval of the Selectmen, be, and hereby is, authorized to borrow the sum of \$8,000, and to issue notes or bonds of the Town therefor, payable \$2,000 in one year from date of issue and \$1,500 annually thereafter, so that the whole loan shall be paid in not more than five years from the date of the first note or bond, at a rate of interest not to exceed five per cent. per annum.

Article 10. To see if the Town will vote to amend the vote, passed under Article 6 of the warrant for the special town meeting, held on May 22, 1916, by inserting after the word "purchase" the words "for the erection of a building for town purposes," so that the vote will read as follows:

On motion of Carl M. Spencer, it was voted that the Selectmen be instructed to purchase for the erection of a

building for town purposes the "Richardson Lot," so called, situated on Lowell Street, with the buildings thereon (except the stable which is to be removed by the present owner) at a price not to exceed \$5,550, and that the Town Treasurer is hereby authorized to issue the notes of the Town for this amount at a rate of interest not exceeding four per cent. per annum and payable \$550 in one year from the date thereof, the balance to be paid \$500 each year thereafter until the full amount is paid. The income derived from the property to be used for necessary repairs and the payment of said notes.

Voted that the Town amend the vote passed under Article 6 of the warrant for the special town meeting, held May 22, 1916, by inserting after the word "purchase" the words "for the erection of a building for town purposes, so that the vote will read as follows:

On motion of Carl M. Spencer, it was voted that the Selectmen be instructed to purchase for the erection of a building for town purposes the "Richardson Lot," so called, situated on Lowell Street, with the buildings thereon (except the stable which is to be removed by the present owner) at a price not to exceed \$5,550, and that the Town Treasurer is hereby authorized to issue the notes of the Town for this amount at a rate of interest not exceeding four per cent. per annum, and payable \$550 in one year from the date thereof, the balance to be paid \$500 each year thereafter until the full amount is paid. The income derived from the property to be used for necessary repairs and the payment of the said notes. On count 97 voted yes and none no.

Voted to adjourn to October 30, 1916, at 7.45 o'clock p. m., in Security Hall.

MILLARD F. CHARLES, Town Clerk.

## ADJOURNED TOWN MEETING

SECURITY HALL, READING, MASS., Oct. 30, 1916.

Town meeting met as per adjournment, and was called to order by the Moderator, Jesse W. Morton.

Article 9. On motion of Theodore P. Berle, it was voted to take this article up.

On motion of Theodore P. Berle, to rescind action taken on this article, the point of order was raised by Solon Bancroft that such a motion was out of order.

The Moderator decided said motion not in order.

Article 2. Voted to take this article from the table.

On motion of Charles F. Brown, it was voted to instruct the Selectmen to see what could be done to retain the old Parker Tavern property, and report to the Town at a subsequent meeting what action may be necessary to enable the Town to hold the property on Washington Street, now owned by the Town, and retain the ancient building now standing thereon and ensure its preservation and care.

On motion of Frank H. Nutting, it was voted that the Tax Collector be instructed to note on all tax bills the valuation of the property assessed, both real and personal.

Article 12. To see if the Town will adopt a system of main drains and common sewers for the whole of its territory, with such connections and other works as would be required for a system of sewage disposal; all substantially as set forth and shown on a plan for such system, prepared by F. A. Barbour, C. E., on file with the Town Clerk, and as authorized by Chapter 314 of the Acts of 1909, or what it will do in relation thereto.

On motion of Charles R. Herrick, it was voted that the Town adopt and lay out a system of main drains and common sewers for the whole of its territory with such connections and other works as would be required for a system of sewage disposal; all substantially as set forth and shown on a plan for such system, prepared by F. A. Barbour, C. E., on file with the Town Clerk, and approved by the State Board of Health.

Article 13. To see if the Town will authorize the Sewer Commissioners to construct a sewer in the following streets, ways, and other parts of the Town, to wit:

Ash St., from Main St. to Main St.  
 Brook St., Metropolitan Sewer, to Ash St.  
 Eaton St., from Elm St. to Pleasant St.  
 Elm St., interceptor to Eaton St.  
 Gould St., from Haven St. easterly.  
 Green St., from High St. easterly.  
 Green St., from Ash St. westerly.  
 Green St., from Village St. to Main St.  
 Green St., interceptor to John St.  
 Haven St., from High St. to beyond Sanborn St.  
 Haven St., from Main St. to summit.  
 Haven St., from Village St. to Main St.  
 High St., from Washington St. to Haven St.  
 John St., from interceptor to Village St.  
 John St., from Village St. to Green St.  
 Lincoln St., from Washington St. to Prescott St.  
 Linden St., from Haven St. to Woburn St.  
 Lowell St., from Main St. to Highland St.  
 Main St., from Washington St. to Lowell St.  
 Main St., from Washington St. to Ash St.  
 Parker St., from Haven St. to Pleasant St.  
 Pleasant St., from Eaton St. to Wilson St.  
 Pleasant St., from Parker St. to Middle St.  
 Pleasant St., from Parker St. to Main St.  
 Pratt St., from Prescott St. to Woburn St.  
 Prospect St., from Woburn St. to King St.  
 Prescott St., from Lincoln St. to Sunnyside Ave.  
 Prescott St., from Sunnyside Ave. to Perkins Ave.  
 Salem St., from Wilson St. to Main St.  
 Sanborn St., from Haven St. northerly.  
 Sanborn St., from Woburn St. southerly.  
 Sanborn St., from Woburn St. to Lowell St.  
 Village St., from John St. to Washington St.  
 Village St., from Washington St. to Haven St.  
 Washington St., from Village St. to Main St.  
 Washington St., from Ash St. to Lincoln St.  
 Wilson St., from Pleasant St. to Salem St.  
 Woburn St., from Pratt St. to Prospect St.  
 Woburn St., from Lowell St. to Linden St.

Interceptor, John St. to Brook St.

Interceptor, Green St. to Elm St.

and on land of individual owners in two courses, from near the junction of Village and John Streets, to the junction of Ash and Brook streets, the sewers above mentioned being set forth on the plan referred to in Article 12 of this warrant, and which system has been approved by the State Board of Health, or what it will do in relation thereto.

On motion of Charles R. Herrick, it was voted that the Sewer Commissioners be, and they hereby are, authorized to construct a sewer in the streets, ways, and other parts of the Town, as enumerated in Article 13.

Article 14. To see if the Town will raise and appropriate a sum not to exceed \$100,000 for the purpose of paying any portion of the cost of installing a sewerage and sewerage disposal system, in accordance with plans as drawn by F. A. Barbour, and adopted by the Town, and will authorize the Treasurer, with the approval of the Selectmen, to borrow said sum, and to issue therefor bonds or notes of the Town, such bonds or notes to be payable in accordance with the provisions of Section 7, Chapter 314, of the Acts of 1909, so that the whole loan shall be paid in not more than thirty years from the date of the first bond or note issued, or what it will do in relation thereto.

On motion of Charles R. Herrick, it was voted that the sum of one hundred thousand (\$100,000) dollars be raised and appropriated for the purpose of paying any portion of the cost of installing a sewerage and sewage disposal system, in accordance with plans as drawn by F. A. Barbour, and adopted by the Town, and that the Treasurer, with the approval of the Selectmen, be, and hereby is, authorized and directed to issue therefor bonds of the Town; such bonds to be payable as follows: four thousand (\$4,000) dollars six (6) years from the date of the loan, four thousand (\$4,000) dollars annually thereafter for twenty-four (24) years, so that the whole loan shall be paid in not more than thirty (30) years from the date of the first bond issued; all in accordance with the provisions of Sections 6 and 7, of

Chapter 314, of the Acts of 1909. Ninety-four voted yes, and none voted no.

Article 11. To hear and act on the report of the Committee on Town Offices.

Carl M. Spencer, Chairman of Committee on Town Offices, reported progress, and that plans were being made for a Town Office Building.

Article 4. Voted to take this article from the table.

Carl M. Spencer moved, and it was voted, that the Board of Selectmen be instructed to petition the next General Court for an act to confirm the locations granted by the Town of Reading for the electric lines of its Electric Light Department.

Voted to adjourn without date.

MILLARD F. CHARLES, Town Clerk.

## ANNUAL STATE AND NATIONAL ELECTION

SECURITY HALL, READING, MASS., NOV. 7, 1916.

The following vote was cast for President and State Officers:

### ELECTORS OF PRESIDENT AND VICE PRESIDENT

Benson and Kirkpatrick, Socialist	.	.	.	.	10
Hanley and Landrith, Prohibition	.	.	.	.	11
Hughes and Fairbanks, Republican	.	.	.	.	1008
Reimer and Harrison, Socialist Labor	.	.	.	.	1
Wilson and Marshall, Democratic	.	.	.	.	433
Blanks	.	.	.	.	33

### GOVERNOR

James Hayes of Plymouth	.	.	.	.	.	4
Chester R. Lawrence of Boston	.	.	.	.	.	27
Samuel W. McCall of Winchester	.	.	.	.	.	1068
Frederick W. Mansfield of Boston	.	.	.	.	.	332
Dan A. White of Brockton	.	.	.	.	.	8
Blanks	.	.	.	.	.	57



## LIEUTENANT GOVERNOR

Calvin Coolidge of Northampton . . . . .	1075
Alfred H. Evans of Hadley . . . . .	27
Sylvester J. McBride of Watertown . . . . .	9
Thomas J. Maher of Medford . . . . .	2
Thomas P. Riley of Malden . . . . .	281
Blanks . . . . .	102

## SECRETARY

Thomas F. Brennan of Salem . . . . .	8
Leon R. Eyges of Brookline . . . . .	260
Louise Adams Grout of Boston . . . . .	17
Albert P. Langtry of Springfield . . . . .	1072
Blanks . . . . .	139

## TREASURER

Charles L. Burrill of Boston . . . . .	1079
Frederick E. Oelcher of Peabody . . . . .	4
Elam K. Sheldon of Greenfield . . . . .	13
Henry N. Teague of Williamstown . . . . .	268
Blanks . . . . .	132

## AUDITOR

Joseph Bearak of Boston . . . . .	12
Frank Bohmbach of Boston . . . . .	5
Alonzo B. Cook of Boston . . . . .	1061
John B. N. Soulliere of Worcester . . . . .	268
Blanks . . . . .	150

## ATTORNEY-GENERAL

Henry O. Attwill of Lynn . . . . .	1079
Joseph Joyce Donahue of Medford . . . . .	258
Joseph Jiskra of Milford . . . . .	2
John Weaver Sherman of Boston . . . . .	15
Blanks . . . . .	142

## SENATOR IN CONGRESS

John F. Fitzgerald of Boston . . . . .	362
Henry Cabot Lodge of Nahant . . . . .	1016
William N. McDonald of Northampton . . . . .	32
Blanks . . . . .	86

## CONGRESSMAN, FIFTH DISTRICT

Roger Sherman Hoar of Concord . . . . .	283
John Jacob Rogers of Lowell . . . . .	1089
Blanks . . . . .	124

## COUNCILLOR, SIXTH DISTRICT

James G. Harris of Medford . . . . .	1069
Blanks . . . . .	427

## SENATOR, SEVENTH MIDDLESEX DISTRICT

Frederic W. Burke of Lynn . . . . .	268
Charles A. Kimball of Littleton . . . . .	1064
Blanks . . . . .	164

## REPRESENTATIVES IN GENERAL COURT, EIGHTEENTH MIDDLESEX DISTRICT

Dennis P. Blake of Woburn . . . . .	172
Fred J. Brown of Woburn . . . . .	973
Edward B. Eames of Reading . . . . .	1134
Ira B. Forbes of Stoneham . . . . .	153
Blanks . . . . .	560

## COUNTY COMMISSIONER, MIDDLESEX COUNTY

Erson B. Barlow of Lowell . . . . .	1107
Blanks . . . . .	389

## ASSOCIATE COMMISSIONERS, MIDDLESEX COUNTY

Frederic P. Barnes of Newton . . . . .	1046
H. Harding Hale of Hudson . . . . .	951
Blanks . . . . .	995

## DISTRICT ATTORNEY, NORTHERN DISTRICT

William R. Scharton of Reading . . . . .	355
Nathan A. Tufts of Waltham . . . . .	995
Blanks . . . . .	146

## CLERK OF COURTS, MIDDLESEX COUNTY

William C. Dillingham of Malden . . . . .	1075
Blanks . . . . .	421

## REGISTER OF DEEDS, MIDDLESEX SOUTHERN DISTRICT

Thomas Leighton, Jr., of Cambridge . . . . .	1073
Blanks . . . . .	423

REGISTER OF PROBATE AND INSOLVENCY, MIDDLESEX COUNTY  
(TO FILL VACANCY)

Frederick M. Esty of Framingham . . . .	1018
Timothy E. Quinn of Cambridge . . . .	202
Blanks . . . . .	276

“Shall there be a convention to revise, alter or amend the Constitution of the Commonwealth?” Yes, 623; no, 276; blanks, 597.

“Shall an act passed by the General Court in the year nineteen hundred and sixteen, to make the first day of January, known as New Year’s Day, a legal holiday, be approved and become law?” Yes, 898; no, 266; blanks, 332.

“Shall an act passed by the General Court in the year nineteen hundred and sixteen, entitled ‘An act to prevent the voters of one political party from voting in the primaries of another political party’ be approved and become law?” Yes, 625; no, 305; blanks, 566.

“Shall the Representative or Representatives from this district be instructed to support the adoption of an amendment to the Constitution of the Commonwealth, providing for some form of the initiative and referendum which shall give to the voters the power to accept or reject statutes and constitutional amendments proposed to the Legislature by petition of a substantial number of citizens but rejected by it, and also the power, upon such petition, to reject measures passed by the Legislature?” Yes, 744; no, 154; blanks, 598.

The ballots were counted and declared in open town meeting, and sealed and delivered to the Town Clerk.

The ballot box registered 1497, an incorrect number, as the ballot clerks reported 1496 names checked and the tellers reported 1496 ballots counted. Whereupon the meeting adjourned.

MILLARD F. CHARLES, Town Clerk.

COMMONWEALTH OF MASSACHUSETTS, COUNTY OF MIDDLESEX  
CITY OF WOBURN

In accordance with the provisions of Section 322, Chapter 835, Acts of 1913, the City Clerk of Woburn and the Town Clerks of Reading and Stoneham, being the City and Town Clerks of every city and town in Representative District number eighteen within said County, met at the City Hall, Woburn, at noon on Friday, November 17th, A. D. 1916, being the tenth day succeeding the day of the State Election held on Tuesday, November 7th, A. D. 1916, and then and there opened, examined and compared the copies of the records of votes cast at said election for the office of Representative, and determined therefrom that Fred J. Brown of Woburn and Edward B. Eames of Reading were elected to the office of Representative.

The following is a schedule of the names of all persons for whom votes for Representative were given in said District, and the number of votes given for each person, viz:

Dennis P. Blake of Woburn	1707
Fred J. Brown of Woburn	3010
Edward B. Eames of Reading	2767
Ira B. Forbes of Stoneham	1368
Curtis M. Child	1
Blanks	2887
Total	11740

In witness whereof, we the City Clerk of Woburn and the Town Clerks of Reading and Stoneham, hereunto set our hands this seventeenth day of November, A. D. 1916.

J. FRED MALONEY, City Clerk, Woburn.

MILLARD F. CHARLES, Town Clerk, Reading.

GEORGE N. GREEN, Town Clerk, Stoneham.

Town Clerk's Office.

Received and recorded, Nov. 16th, 1916.

MILLARD F. CHARLES, Town Clerk.

## DOG LICENSES DURING YEAR 1916

Whole number of licenses issued	.	.	.	.	327
31 Female licenses at \$5.00	.	.	.	\$155 00	
296 Male licenses at \$2.00	.	.	.	\$592 00	
				<hr/>	
Total cash received	.	.	.	\$747 00	
Less fees for 327 licenses at 20 cents				65 40	
				<hr/>	
Total due County Treasurer	.	.			\$681 60
Paid County Treasurer June 1, 1916	.			\$416 40	
Paid County Treasurer Dec. 1, 1916	.			265 20	
				<hr/>	
Total paid County Treasurer	.	.			\$681 60

## HUNTERS' LICENSES ISSUED YEAR 1916

174 Licenses issued at \$1.00	.	.	.	\$174 00	
1 License issued at \$10.00	.	.	.	10 00	
				<hr/>	
175 Total licenses issued	.	.	.	\$184 00	
175 Hunters' license fees at 15 cents				26 25	
				<hr/>	
Due Fisheries and Game Commission					\$157 75
Paid Fisheries and Game Commission:					
February 8, 1916	.	.	.	\$ 21 25	
October 2, 1916	.	.	.	45 90	
November 14, 1916	.	.	.	84 65	
December 27, 1916	.	.	.	5 95	
				<hr/>	
Total payments for year 1916	.	.			\$157 75

MILLARD F. CHARLES, Town Clerk.

NOTICE TO PARENTS, HOUSEWIVES,  
PHYSICIANS AND MIDWIVES

Your Attention is Called to the Sections Below Taken from  
the Revised Laws.—Blank Forms for Return of Births  
Can be Obtained from the Town Clerk

SECTION 3, CHAPTER 444, ACTS OF 1897

SECTION 3.—Physicians and midwives shall, on or before the fifth day of each month, report to the clerk of each city or town a correct list of all children born therein during the month next preceding, at whose birth they were present, stating the date and place of each birth, the name of the child, if it has any, the sex and color of the child, the name, place of birth and residence of the parents, the maiden name of the mother, and the occupation of the father.

If the child is illegitimate the name of the father shall not be stated, unless at the joint request in writing of both father and mother, which request shall be filed with the return of births.

The fee of the physician or midwife shall be twenty-five cents for each birth so reported, and shall be paid by the city or town in which the report is made, upon presentation of a certificate from the city or town clerk stating that said births have been reported, in conformity with the requirements of this section.

Any physician or midwife neglecting to report such list for ten days after it is due shall for each offence forfeit a sum not exceeding twenty-five dollars.

SECTION 6, CHAPTER 444, ACTS 1897

SECTION 6. Parents and householders shall within forty (40) days after the date of a birth occurring in his house give thereof, or cause such notice to be given, to the clerk of the city or town in which such child is born.

MILLARD F. CHARLES, Town Clerk.



## BIRTHS REGISTERED IN TOWN OF READING FOR THE YEAR 1916

DATE	NAME OF CHILD	SEX	NAME OF PARENTS
Jan. 8	Robert Irving Nesmith.....	M	Charles I. Jr., and Abbie J. (Bokleman) Nesmith
Jan. 22			
Jan. 22	Mary Hazel White .....	F	Joshua H. and Sadie (Amirault) White
Jan. 26	Marguerite Lillian Avery.....	F	Edwin H. and Lillian E. (Chapman) Avery
Jan. 29	John Williams Kenney.....	M	Edward O. and Ruth (Carter) Kenney
Feb. 1	John Wilbur Hatfield.....	M	John M. and Florence (Coulter) Hatfield
Feb. 4	Robert Judson Leach.....	M	A. Judson and Mary (Kennedy) Leach
Feb. 6	Hyman Prail.....	M	Max and Sarah (Pitkowski) Prail
Feb. 7	Alfred B. Smith, Jr.....	M	Alfred B. and Catherine M. (Burke) Smith
Feb. 11	Frederick Lewis Groff.....	M	Edward L. and Annie (Lewis) Groff
Feb. 14	Lowell Emerson Field .....	M	Elmer D. and Lucy A. (Noyes) Field
Feb. 19	Nellie Frances Chisholm.....	F	Ausborne and Evelyn F. (Libby) Chisholm
Feb. 19	Richard Adolphus Dulong.....	M	George L. and Olive A. (Turner) Dulong
Feb. 21	Harvey Russell Kimball.....	M	Arthur R. and Ella V. (Parker) Kimball
Feb. 23	Winona Virginia Grant.....	F	Charles I. and Elizabeth (Vidito) Grant
Feb. 24	Alice Margaret Clement.....	F	Frank E. and Annie (Doucette) Clement
Feb. 25			
Mar. 5	Theodore Francis Watts.....	M	Rowland H. and Clara B. (Simpson) Watts
Mar. 12	Joseph Edward Babine.....	M	Louis C. and Mary (Muse) Babine
Mar. 13	William H. Campbell.....	M	William H. and Mary L. (Griffiths) Campbell
Mar. 15			
Mar. 15	Elizabeth G. Guild .....	F	Robert and Ethel (Gould) Guild
Mar. 16	Pauline Lois Boston.....	F	Lester C. and Kittie B. (Perkins) Boston
Mar. 22	James Harold Doucette.....	M	Bernard and Mary E. (McCarthy) Doucette
Mar. 22	Jennie Elizabeth Gaw.....	F	David G. and Jennie O. (Carr) Gaw
Mar. 29	Gertrude Elizabeth Welch.....	F	Martin C. and Laura A. (Rasmussey) Welch
Apr. 4	Joseph Francis O'Keefe.....	M	Daniel and Bridget M. (McDonough) O'Keefe
Apr. 5	Philip Nelson Doucette.....	M	John J. and Marion E. (Froten) Doucette
Apr. 8	Isabel Clarke.....	F	William R. and Victoria M. (Slack) Clarke
Apr. 11	Frank Norman Poock.....	M	Charles A. and Mabel J. (Jackson) Poock
Apr. 13	Ruth Florence Meuse.....	F	Edward F. and Florence M. (Meuse) Meuse
Apr. 24	Donald Fideles Amirault.....	M	Joseph L. and Mary E. (Amirault) Amirault
Apr. 25	Marion Madeline Froton.....	F	John H. and Annie J. (Hogan) Froton
Apr. 27	Arthur Franklin Perry.....	M	Rolland L. and Lottie F. (Abbott) Perry
Apr. 27	George Irving Oliver.....	M	Irving J. and Mary Ella (Knowlton) Oliver
May 7	Barbara Jewett.....	F	Malcolm W. and Edith R. (Symonds) Jewett
May 9	Florence Matilda Saulnier.....	F	Frank I. and Ida M. (Doucette) Saulnier
May 9	Henry Morton Brown.....	M	Edward A. and Blanche B. (Hewes) Brown
May 11	William August Rader.....	M	August C. and Louisa (Ghetti) Rader
May 15	Arnold Gilman Ellingwood.....	M	Charles W. and Minerva G. (Gilman) Ellingwood
May 16	Dorothy Louise Ryan.....	F	Arthur L. and Mary A. (Frost) Ryan
May 16	James Aloysius Farley.....	M	Thomas J. and Annie (Sheridan) Farley
May 17	Richard William Goff.....	M	William H. and Augustina M. (Johnson) Goff
May 17	Mildred Elizabeth Weston.....	F	Nelson R. and Helen (Eaton) Weston
May 21	Lena Burbine .....	F	Frank and Nellie M. (Deveau) Burbine
May 23	Helen Elizabeth Gray.....	F	Robert L. and Bertha L. (Parker) Gray
May 24	Sidney Payson Gould.....	M	Sidney C. and Eunice P. (Batteau) Gould
May 30	Ruth Alice Williams.....	F	Walter I. and Fannie (Carson) Williams
May 31	Thomas Leo Cullinane.....	M	Jeremiah J. and Annie C. (Blake) Cullinane
June 1			
June 5	Alfreda Stacy .....	F	William H. and Alice M. (Burditt) Stacy
June 5	William Henry Peck.....	M	Charles D. and Etta Sarah (Fawcett) Peck
June 5	William J. Greene.....	M	Timothy G. and Delia (Higgins) Greene
June 7	Mollie Emerson Parker.....	F	Robert E. and Edith (Ives) Parker
June 8	Geraldine Westcott.....	F	Joseph and Helen (Erskine) Westcott
June 12	Dorothy Banks Parker.....	F	Moses C. and Grace S. (Spooner) Parker
June 14	Stanley Edgar Ellison.....	M	Louis E. and Bessie (Parker) Ellison
June 15	William Carney.....	M	Bartholomew and Mary (Crowley) Carney
June 18	Leblanc .....	M	Edward and Louise F. (Castine) Leblanc
June 18	Harry Norman Nichols.....	M	Elmer and Inez (Flanders) Nichols
June 19	Rita Frances Lewis.....	F	James E. and Margaret E. (Donahue) Lewis
June 21	Sydney Murdoch Hodson, Jr.....	M	Sydney M. and Alice L. (DeMerritt) Hodson
June 22	Edith Martha Ordway.....	F	Orville O. and Edna M. (Cutter) Ordway
June 23	Mabel Edith Strophe.....	F	Howard and Laura (Stanley) Strophe
June 24	Hilda Read Ripley.....	F	Read I. and Helen B. (Bartholomew) Ripley
June 28	Flora Louise Heath.....	F	Fred P. and Beatrice M. (Batchelder) Heath

## BIRTHS REGISTERED IN TOWN OF READING FOR THE YEAR 1916

DATE	NAME OF CHILD	SEX	NAME OF PARENTS
July 1	Katherine Angelina McCarty	F	John J. and Catherine (Penney) McCarthy
July 4	Rita Peters	F	Joseph L. and Marie (Peters) Peters
July 14	Thomas Francis Philbin	M	John J. and Agnes (McHale) Philbin
July 19	Roland Leo Hatch	M	William H. and Ida M. (Nadeau) Hatch
July 21	Natalie Cate	F	Frank and Lucille (Abbott) Cate
July 21	Mary Rita Meuse	F	Edward J. and Mary T. (LeFave) Meuse
July 25	James Robert Veacock, Jr.	M	James R. and Maud (Trott) Veacock
July 27	Donald Marshall Nichols	M	Preston F. and Sadie A. (Robinson) Nichols
July 31	Florence Marie White	F	Edward J. and Annie D. (White) White
July 31	Elizabeth Alma Foster	F	Harry R. and Carolyn M. (Belyea) Foster
Aug. 1	Dora Marchetti	F	James and Mary (Bartolina) Marchetti
Aug. 9	James Alexander Richmond	M	Alexander and Georgie A. (Putnam) Richmond
Aug. 9	Genevieve Doucette	F	Raymond and Mabel P. (Parker) Doucette
Aug. 11	Phyllis Virginia Chapman	F	Ernest and Ellen (Milne) Chapman
Aug. 17	Jeanne Macgregor	F	Edwin S. and Hilda F. (Veinot) Macgregor
Aug. 18	Laurence Sawyer	M	William A. and Mary (Brown) Sawyer
Aug. 19	Norman Edward Flint	M	Frederick C. and Louise M. (Durkee) Flint
Aug. 23	Lawrence James White	M	Adolph and Laura (Doucette) White
Aug. 29	Ethel May Perkins	M	Fred L. and Florence C. (Larabee) Perkins
Aug. 29	Rose Lena Green	F	Karl and Dora (Levick) Green
Aug. 30	Guiseppe Volpedo	M	Guiseppe and Provencia (Digata) Volpedo
Sept. 1	Frances Evelyn Muise	F	Sylvine and Margaret (Boutchie) Muise
Sept. 5	Joseph Francis Enos	M	Joseph G. and Adelaide (Oliver) Enos
Sept. 6	Herbert Warren Glidden	M	Herbert M. and Lottie M. (Lemon) Glidden
Sept. 17	Virginia Louise Chase	F	Frank A. and Jeanette R. (Holden) Chase
Sept. 24	Wallace Johnson Morse	M	Leslie B. and Florence L. (Johnson) Morse
Sept. 25	Pearl Winnifred Wormell	F	Fred A. and Maud (Henry) Wormell
Sept. 29	Henry Joseph Holmes	M	Henry J. and Martha A. (White) Holmes
Sept. 29	George F. Holmes	M	Henry J. and Martha A. (White) Holmes
Sept. 29	Theodora Burbank	F	Arthur E. and Winnie (Brockelbank) Burbank
Oct. 5	Edward Joseph Knight	M	John L. and Sarah (Gallant) Knight
Oct. 7	Frances Amy MacLeod	F	Robert N. and Frances A. (Tucker) MacLeod
Oct. 9	David Livingstone	M	Leonard A. and Laura (Mure) Livingstone
Oct. 10	Bertha Pierce Mitchell	F	Fred G. and Bertha L. (Pierce) Mitchell
Oct. 17	Harold Brown Wilkins	M	Richard M. and Mildred (Brown) Wilkins
Oct. 21	Eileen Eugenie Rols	F	John E. and Louisa M. (Poulin) Rols
Oct. 24	Marion Bishop	F	Robert and Ethel (Frost) Bishop
Oct. 26	Dana Eaton Christiansen	M	Thorolf and Thelma V. (Phillips) Christiansen
Oct. 28	William Hayes Brown	M	Rodney W. and Mabel (Hayes) Brown
Oct. 30	Ruth Emma Mersereau	F	Harry E. and Louise (White) Mersereau
Oct. 31	Jos. Gilpatrick Smyth Robinson	M	Joseph G. S. and Mabel E. (Hager) Robinson
Nov. 7	Edward Joseph Pero	M	Peter E. and Ellen T. (Moriarty) Pero
Nov. 8	Elvin Morris Taylor	M	Omar F. and Delcie V. (Beckmann) Taylor
Nov. 8	Viola Marjorie Hasty	F	Charles S. and Fanny A. (Childs) Hasty
Nov. 10	Rodney Louis Ainsworth	M	Richard H. and Seraphine E. (Turner) Ainsworth
Nov. 13	Marjorie Elizabeth Brown	F	Everett W. and Helen M. (Sweeney) Brown
Nov. 17	— Melonson	M	Wallace and Fannie (Doucette) Melonson
Nov. 22	Evelyn Mary Meuse	F	Dennis L. and Rose O. (Doucette) Muise
Nov. 30			
Dec. 2	Earl Frank Baker, Jr.	M	Earl F. and Katherine (Groundes) Baker
Dec. 4	Barbara Shirley Studley	F	Clarence A. and Marjorie (Jaquith) Studley
Dec. 6	Helen Frances Bolster	F	Harold G. and Dorothy E. (Wallis) Bolster
Dec. 9	Chas. Alexander MacDougall	M	John D. and Katherine (MacLean) MacDougall
Dec. 12	Mary Katherine Fultz	F	John E. and Elizabeth S. (Brown) Fultz
Dec. 14	Paul Michelini Winship	M	Arthur G. and Asunta (Michelini) Winship
Dec. 22	Mary Regina Robbins	F	Jeffrey and Emily A. (Doucette) Robbins
Dec. 23	Mary Elizabeth Hall	F	Orick D. and Mary A. (McNeal) Hall
Dec. 26	Edith Mary Bryden	F	Henry W. and Edith M. (Fillmore) Bryden
Dec. 29	Leroy Wright Merritt	M	Fred E. and Helen C. (Bodfish) Merritt
Dec. 30	Eric Samuel Svenson	M	August and Alma M. (Nelson) Svenson

## BIRTHS IN OTHER YEARS CORRECTED AND OMITTED

DATE	NAME OF CHILD	SEX	NAME OF PARENTS
1885			
Feb. 11	Thomas Devaney.....	M	Patrick and Mary (Comber) Devaney
1896			
June 17	Eleanora Ruth Turner.....	F	Thomas and Mary Ellen (Thornton) Turner
1899			
Oct. 27	Jesse Chase Manning.....	M	Benjamin F. and Evelyn A. (Chase) Manning
1901			
Mar. 18	Mamie McIntire.....	F	Charles and Jessie (Ellis) McIntire
Dec. 25	Edna Catherine White ... ..	F	Reuben and Agnes (Lefay) White
1914			
Feb. 25	Ruth Lena Zanni.....	F	Angelo and Kate (Cuneo) Zanni
June 20	Grace Elizabeth Atkinson.....	F	William W. and Christine F. (O'Brien) Atkinson
1915			
Jan. 12	Roberta Bolster .....	F	Harold and Dorothy (Wallace) Bolster
Feb. 15	Mary Devaney .....	F	John L. and Sadie (Jack) Devaney
Apr. 10	Alice Gracen Leach.....	F	William M. and Florence A. (Turner) Leach
Apr. 27	Ernest Joseph Johnson.....	M	Leslie J. and Mabel G. (Hall) Johnson
May 13	Percy Leroy Horrocks.....	M	Percy L. and May C. F. (Gately) Horrocks
June 24	Jeanette Watling Crafts.....	F	Clinton W. and Clara E. (Wiswall) Crafts
June 28	Dorothy Ellen Symonds.....	F	Hazen K. and Ethel G. (Foster) Symonds
Aug. 18	Arthur Bernard Callan.....	M	Arthur B. and Hermione A. (Smith) Callan
Oct. 6	Arthur Ross Henry.. ..	M	Arthur R. and Ada B. (Reed) Henry
Oct. 8	Louise Merrill .....	F	Albert E. and Mary (Ainsworth) Merrill
Nov. 22	Roger Whitney.....	M	Charles E. and Rose F. (Perley) Whitney
Dec. 23	Cornelius Wiltsie Sanctuary... ..	M	Harry I. and Edith L. (Wiltsie) Sanctuary

Whole number of births, 146. Nativity of parents: Native born, Males 103, Females, 94.  
Foreign born, Males 42, females 52.

## MARRIAGES REGISTERED IN TOWN OF READING FOR YEAR 1916

DATE	NAME OF BRIDE AND GROOM	AGE	OCCUPATION	RESIDENCE
1915				
Dec. 4	Norman H. Hudson.....	22	Salesman.....	Reading, Mass.
	Grace S. Cann.....	22		Boston, Mass.
Dec. 15	Fred A. Wormell.....	42	Baker.....	Reading, Mass.
	Annie M. Stock.....	37	Saleslady.....	Reading, Mass.
1916				
Jan. 2	Laurence Amirault.....	21	Rubber Worker.....	Reading, Mass.
	Eva Amirault.....	18	Housework.....	Reading, Mass.
Jan. 3	Alfred Teolk.....	34	Shoe Worker.....	Reading, Mass.
	Fredricha E. Johnson.....	30	Housework.....	Reading, Mass.
Jan. 15	Robert W. MacLeod.....	21	Plumber.....	Reading, Mass.
	Amy F. Tucker.....	22	At Home.....	Reading, Mass.
Feb. 1	William R. Livingstone.....	26	Cook.....	Reading, Mass.
	Laura M. Nickerson.....	34	At Home.....	Reading, Mass.
Feb. 3	Frank H. White.....	22	Mason.....	Wakefield, Mass.
	Mary M. Frotten.....	18	Housework.....	Reading, Mass.
Feb. 11	Clyde M. Symonds.....	23	Chauffeur.....	Reading, Mass.
	Louise M. McKenney.....	24	Tel. Operator.....	Reading, Mass.
Feb. 14	Joseph P. Maguire.....	25	Machinist.....	Reading, Mass.
	Catherine Lawton.....	30	Operator.....	Lawrence, Mass.
Mar. 5	Simon Clements.....	72	Stone Mason.....	Reading, Mass.
	Lizzie Muse.....	66	Housework.....	Reading, Mass.
Mar. 10	Ernest W. Pippin.....	21	Driver.....	Reading, Mass.
	Cora A. Palmer.....	19	Housework.....	Reading, Mass.
Mar. 16	George W. Perkins.....	50	Contractor.....	Reading, Mass.
	Olive B. Nichols.....	28	At Home.....	Reading, Mass.
Mar. 25	George G. Scally.....	21	Clerk.....	Woburn, Mass.
	Mildred P. Seaman.....	22	At Home.....	Reading, Mass.
Mar. 26	Charles Hubbard.....	26	Fisherman.....	Reading, Mass.
	Rose Doucette.....	23	Laundry.....	Reading, Mass.
Mar. 26	George E. Dodge.....	54	Station Agent.....	Reading, Mass.
	Grace H. Griffin.....	40	Dressmaker.....	Reading, Mass.
Apr. 22	Robert S. Burgess.....	28	Clerk.....	Reading, Mass.
	Eleanor F. True.....	23	None.....	Somerville, Mass.
Apr. 23	Henry J. Bradley.....	32	Conductor.....	Reading, Mass.
	Mary E. Cullinane.....	35	At Home.....	Reading, Mass.
Apr. 23	Frank H. Mayne.....	24	Foreman.....	Wakefield, Mass.
	Julia E. Bacigalupo.....	21	At Home.....	Reading, Mass.
May 3	James R. Nichols.....	31	Salesman.....	Reading, Mass.
	Elva M. Claggett.....	28	Designer.....	Reading, Mass.
May 13	David H. Parshley.....	22	Chemist.....	Woburn, Mass.
	Nettie E. Webster.....	23	At Home.....	South Berwick, Me.
May 21	Peter S. Doucette.....	21	Cutter.....	Wakefield, Mass.
	Ella M. Melonson.....	18	Winder.....	Reading, Mass.
May 27	Fred S. Walker.....	23	Trackman.....	West Yarmouth, Mass.
	Emma L. Sterling.....	24	Assistant Laundress.....	Hyannis, Mass.
May 27	Elmo J. Miller.....	29	Mechanical Engineer.....	New Orleans, La.
	Emily D. Siders.....	32	At Home.....	Reading, Mass.
May 30	James T. Teed.....	39	Barber.....	Reading, Mass.
	Elvira L. Perry.....	24	Bookkeeper.....	Falmouth, Mass.
June 1	Daniel S. Canty.....	67	Carpenter.....	Reading, Mass.
	Hansine C. Gunderson.....	43	Housework.....	Boston, Mass.
June 3	Harold F. Davis.....	24	Civil Engineer.....	Reading, Mass.
	Frances L. Gear.....	22	Clerk.....	Reading, Mass.
June 3	Roy E. Parker.....	36	Cashier.....	Reading, Mass.
	Mary O. Rich.....	36		Allston, Mass.
June 4	Lewis A. Vacon.....	26	Rubber Worker.....	Reading, Mass.
	Mary O. Arsenault.....	18	Shoe Maker.....	Reading, Mass.
June 10	William H. Kissock.....	37	Salesman.....	Reading, Mass.
	Myra Liden.....	31	Clerk.....	West Roxbury, Mass.



## MARRIAGES REGISTERED IN TOWN OF READING FOR YEAR 1916

DATE	NAME OF BRIDE AND GROOM	AGE	OCCUPATION	RESIDENCE
June 10	Willis E. Buckman.....	37	Foreman .....	Woburn, Mass.
	Beatrice M. Wells .....	21	Bookkeeper .....	Reading, Mass.
June 12	Albert E. Baker .....	25	Salesman .....	Waverly, Mass.
	Natalie F. Marr .....	24	Waitress .....	Reading, Mass.
June 12	Raymond A. Phelps.....	24	Printer.....	Reading, Mass.
	Genie E. Miller.....	25	Proof Reader.....	Medford, Mass.
June 12	George G. Barry.....	22	Clerk.....	Stoneham, Mass.
	Edith E. Guppy.....	18	None .....	Lynnfield, Mass.
June 14	Chester A. Newhall.....	33	Bookkeeper .....	Stoneham, Mass.
	Helen E. Jaekel.....	24	Inspector .....	Reading, Mass.
June 14	Arthur F. McIntire.....	21	Clerk .....	Reading, Mass.
	Edna F. Brauer.....	24	Clerk .....	Woburn, Mass.
June 15	Frank R. Gray.....	23	Conductor.....	Reading, Mass.
	Ada M. Butters .....	20		Reading, Mass.
June 21	William J. Sullivan.....	29	Conductor.....	Reading, Mass.
	Ruth M. Weymouth.....	23	At Home.....	North Reading, Mass.
June 27	Guy M. Kinsley .....	25	Salesman.....	Winchester, Mass.
	Marion O. Campbell.....	22	At Home.....	Reading, Mass.
June 27	Ralph G. Eames.....	23	Salesman.....	Reading, Mass.
	Elizabeth G. Mohla.....	22	At Home.....	Wakefield, Mass.
June 28	Frank W. Welch.....	23	Clerk .....	Reading, Mass.
	Lillian C. Brauer.....	20	At Home.....	Woburn, Mass.
July 18	William C. Starratt.....	21	Freight Handler .....	Everett, Mass.
	Florence McCarthy.....	20	Operator .....	Reading, Mass.
July 21	Otto A. Hendrain.....	27	Sales Agent.....	Springfield, Mass.
	Lillian M. Pearson.....	24	Teacher .....	Reading, Mass.
July 26	John Cunningham.....	46	Officer.....	Bridgewater, Mass.
	Albina J. Valin .....	37	Dressmaker .....	Dorchester, Mass.
July 29	Ragnar L. Carlson.....	22	Assistant Manager.....	Reading, Mass.
	Garnet M. Gretter.....	19	None .....	Weymouth, Mass.
Aug. 7	Charles F. Pitcher.....	27		Tewksbury, Mass.
	Helen I. Fraser.....	26		Tewksbury, Mass.
Aug. 8	Percy R. Danforth.....	38	Drug Clerk .....	Reading, Mass.
	Emelie R. Jones.....	41	Saleslady.....	North Reading, Mass.
Aug. 12	George R. Dugan.....	23	Driver .....	Reading, Mass.
	Gertrude P. Witham.....	19	At Home.....	Wakefield, Mass.
Aug. 16	George W. Davis.....	22	Merchant.....	Reading, Mass.
	Katherine C. Montgomery.....	21	Clerk .....	North Andover, Mass.
Aug. 23	Ernest W. Andersen.....	25	Tinsmith.....	Somerville, Mass.
	Emmy H. N. Hanson.....	24	Housework.....	Reading, Mass.
Aug. 24	Alvin C. Pratt.....	32	Merchant.....	Reading, Mass.
	Hebe B. Harrison.....	33	At Home.....	Reading, Mass.
Aug. 27	Frederick A. Frotton.....	20	Painter.....	Reading, Mass.
	Frances L. Porter.....	24	None .....	Reading, Mass.
Aug. 30	Walter H. Stolorthy.....	40	Overseer .....	Lawrence, Mass.
	Amelia A. Bergeron.....	34	Hairdresser .....	Lawrence, Mass.
Sept. 1	George B. Frost.....	61	Minister.....	Andover, Mass.
	Dora (Howe) Messer.....	49	At Home.....	Andover, Mass.
Sept. 4	Frank A. Sawyer.....	21	Clerk .....	Reading, Mass.
	Florence E. Johnson.....	23	At Home.....	Medford, Mass.
Sept. 6	Everett Pearl.....	26	Farmer.....	Bradford, Mass.
	Christina Whipling.....	25	Actress.....	Reading, Mass.
Sept. 12	Fred L. Sears.....	22	Organ Pipe Maker .....	Reading, Mass.
	Laneta Proper.....	23	Dressmaker .....	Reading, Mass.
Sept. 12	Leslie J. Gordon.....	29	Carpenter .....	Laconia, N. H.
	Amy Walsh.....	21	Teacher .....	Laconia, N. H.
Sept. 17	Timothy N. Sullivan.....	50	Blacksmith.....	Fitchburg, Mass.
	Ellen Desmond.....	45	Housework.....	Reading, Mass.
Sept. 18	Frank Sharples.....	26	Accountant .....	Methuen, Mass.
	Gertrude J. Kimball.....	25	At Home.....	Reading, Mass.
Sept. 24	Maurice F. Galvin.....	23	Bookkeeper .....	Reading, Mass.
	Margaret Fay.....	21	Bookkeeper .....	Wakefield, Mass.
Sept. 27	William F. Campbell.....	21	Florist.....	Reading, Mass.
	Faith M. Livingstone.....	18	Student .....	Reading, Mass.
Sept. 28	Harold J. Preston.....	21	Chauffeur .....	Lynnfield, Mass.
	Marion F. Southwick.....	18	Stenographer .....	Peabody, Mass.

## MARRIAGES REGISTERED IN TOWN OF READING FOR YEAR 1916

DATE	NAME OF BRIDE AND GROOM	AGE	OCCUPATION	RESIDENCE
Oct. 1	Joseph M. Birmingham .....	28	Salesman.....	Bartlett, N. H.
	Caroline M. Arseneault.....	22	Housework.....	Reading, Mass.
Oct. 2	William N. Wood.....	49	Salesman.....	Reading, Mass.
	Charlotte H. Tuttle.....	19	Bookkeeper ..	Medford, Mass.
Oct. 5	Everett B. Hollis.....	34	Government Inspector	Reading, Mass.
	Alice M. Amsden.....	23	None .....	Reading, Mass.
Oct. 7	John W. Merrill.....	42	Farmer.....	Belchertown, Mass.
	Coral M. Peabody.....	40	Housekeeper.....	Reading, Mass.
Oct. 8	William A. White .....	21	Laborer .....	Reading, Mass.
	Mary E. Donovan.....	21	Shoe Worker .....	Melrose, Mass.
Oct. 13	Ralph J. Mason.....	23	Laborer .....	Reading, Mass.
	Nellie F. Butters.....	22	None .....	Reading, Mass.
Oct. 15	James F. Carroll.....	25	Motorman .....	Reading, Mass.
	Catherine C. Murray.....	24	Necktie Maker.....	Reading, Mass.
Oct. 17	Cassius S. Campbell. .	70	Teacher .....	Derry, N. H.
	Alice M. Watts.....	44	Stenographer .....	Reading, Mass.
Oct. 25	Henry I. Laumann.....	30	Post Office Clerk.....	Reading, Mass.
	Kathleen L. White.....	20		Rutland, Vt.
Oct. 27	Lawrence Davis.....	22	Clerk.....	Reading, Mass.
	Ethel V. M. Brooks.....	21	Clerk.....	Roslindale, Mass.
Nov. 4	Edward H. Bowley.....	26	Laborer .....	Reading, Mass.
	Pauline L. Edmondson.....	28	Mill Hand.....	Reading, Mass.
Nov. 4	Leslie J. Powell.....	22	Greens Keeper .....	Reading, Mass.
	Jean I. Reid.....	17	None ..	Reading, Mass.
Nov. 16	Benjamin M. Hartshorn.....	24	Salesman..	Reading, Mass.
	Helen R. Beebe.....	26	None .....	Wakefield, Mass.
Nov. 16	Francis P. Doucette.....	23	Clerk .....	Reading, Mass.
	Ruth L. Bisbee.....	24	Neckties ..	Reading, Mass.
Nov. 25	Arthur J. Beaudoin.....	24	Chauffeur .....	Reading, Mass.
	Anna M. Leary.....	24	Housework .....	Reading, Mass.
Nov. 26	Maxim Gallant.....	23	Rubber Worker .....	Reading, Mass.
	Mary A. Perry.....	20	Rattan Worker .....	Reading, Mass.
Nov. 29	Harry C. Cooper.....	23	R. R. Clerk.....	Reading, Mass.
	Mary C. Brickley.....	25	Operator .....	Roxbury, Mass.
Nov. 30	William Smith.....	23	Mill Hand .....	Wakefield, Mass.
	Mary Burbine.....	18	Mill Hand .....	Reading, Mass.
Dec. 14	William F. Welch.....	54	Ice Business .....	Reading, Mass.
	Elizabeth Ferguson.....	31	Housework .....	Reading, Mass.
Dec. 14	Leroy R. Perkins.....	27	Farmer.....	Ripley, Maine
	Jennie E. Pettengill.....	26	Housework.....	Reading, Mass.
Dec. 15	Earle F. Baker.....	20	Laborer .....	Reading, Mass.
	Katherine E. Grounds.....	21	At Home.....	Reading, Mass.
Dec. 16	Harold G. Witham.....	21	R. R. Employee.....	Standish, Maine
	Edith A. Moulton.....	19	At Home.....	Standish, Maine
Dec. 25	Louie Melonson.....	21	Cutter.....	Reading, Mass.
	Delora Comeau.....	21	Stitcher.....	Reading, Mass.

Number of marriages, 85. American born: Males 71, Females 62. Foreign born: Males 14, Females 23.



## DEATHS REGISTERED IN THE TOWN OF READING FOR 1916

DATE	NAME	Y	M	D	CAUSE OF DEATH
1915					
Dec. 13	Bessie Wood.....	38	0	0	Embolism
1916					
Jan. 1	Frank R. Stevens.....	54	6	11	Pneumonia
Jan. 6	Eleazer D. Griffiths.....	55	7	0	Nephritis
Jan. 6	Francis J. Bancroft.....	82	5	8	Myocarditis
Jan. 8	George B. Perry.....	28	11	0	Typhoid Fever
Jan. 8	Lydia E. Hodgkins.....	63	11	0	Pneumonia
Jan. 10	Rev. Leonard A. Freeman.....	65	2	25	Nephritis
Jan. 17	John H. Swett.....	80	0	17	Pneumonia
Jan. 17	Alfred E. Stenbridge.....	57	8	0	Pneumonia
Jan. 18	Alice A. Nichols.....	53	5	16	Carcinoma
Jan. 21	Sarah F. Reardon.....	52	0	0	Tuberculosis
Jan. 22					
Jan. 24	Joseph C. Gallant.....	19	7	0	Pneumonia
Jan. 26	Mary Surrette.....	73	0	0	Phthisis
Jan. 30	Annette U. Batchelder.....	73	7	19	Paralysis
Jan. 31	Wesley B. Thompson.....	18	9	8	Pneumonia
Feb. 3	Nathan M. Hunnewell.....	86	8	30	Arterio Sclerosis
Feb. 6	Josephine Weber.....	82			Cerebral Hemorrhage
Feb. 9	Katherine Marchetti.....	81	0	18	Heart Disease
Feb. 10	Susan M. Richardson.....	79	10	23	Pneumonia
Feb. 13	Betsey W. Symonds.....	80	9	10	Arterio Sclerosis
Feb. 24	George H. Damon.....	72	10	4	Pneumonia
Feb. 25					
Mar. 3	Frank S. Edwards.....	38	1	14	Endocarditis
Mar. 4	Mary L. Parker.....	72	5	24	Pneumonia
Mar. 7	Frank W. B. Pratt.....	65	6	6	Carcinoma
Mar. 8	Isabella T. Watts.....	70	7	30	Heart Disease
Mar. 12	Addie E. Fielding.....	44			Mitral Regurgitation
Mar. 16					
Mar. 18	Edith Goldthrope.....	28	2	13	Tuberculosis
Mar. 18	Marjorie Roberts Peabody.....	25	2	20	Peritonitis
Mar. 22	Ellen Seccombe.....	75	10	26	Cerebral Hemorrhage
Mar. 23	Elmore M. Coolidge.....	58			Pneumonia
Mar. 26					
Mar. 26	Arthur B. Day.....	60	9	6	Carcinoma
Mar. 27	Elizabeth Q. Graves.....	97	0	14	Myocarditis
Mar. 30	William F. Paul.....	77	8	7	Angina Pectoris
Mar. 31					
Apr. 2	Geo. D. Harrington.....	86	0	19	Arterio Sclerosis
Apr. 4	James S. Cuzner.....	70	0	21	Carcinoma
Apr. 8	William L. Crow.....	89	0	29	Arterio Sclerosis
Apr. 9	Charles M. Cheney.....	29	9	2	Tuberculosis
Apr. 10	Cordelia S. Bearse.....	75	6	28	Arterio Sclerosis
Apr. 14	Harriet Black.....	84	11	9	Arterio Sclerosis
Apr. 23	Mary Severance.....	51	0	0	Tuberculosis
Apr. 26	Peter LaRiviere.....	39	9	19	Oedema of Lungs
Apr. 26	Vesta D. Jordan.....	17	11	26	Tuberculosis
Apr. 28	Rachael E. Parker.....	67	9	18	Arterio Sclerosis
Apr. 29	Edward J. Campbell.....	0	1	15	Meningitis
May 5	Jane C. Lewis.....	90	9	3	Arterio Sclerosis
May 5	Ida May Johnson.....	19	6	9	Tuberculosis
May 6	Helen Kissock.....	70	2	2	Pneumonia
May 12	Michael Lawless.....	31	8	20	Meningitis
May 14	Irene Pratt.....	69	10	21	Carcinoma
May 18	Annie M. Delory.....	44	0	0	Carcinoma
May 19	William McCray.....	80	0	0	Nephritis
May 27	Abbie A. Hall.....	51	8	16	Meningitis
May 30	Annie M. Manning.....	48	3	11	Leukernia

## DEATHS REGISTERED IN THE TOWN OF READING FOR YEAR 1916

DATE	NAME	Y	M	D	CAUSE OF DEATH
June 1					
June 2	Cyrus K. Littlefield.....	74	0	0	Cerebral Hemorrhage
June 6	Helen M. Tilton.....	26	7	23	Tuberculosis
June 19					
June 23	Joseph B. Burnham.....	70	10	4	Apoplexy
June 25	Dominick E. Weafer.....	30	1	26	Endocarditis
June 26	Edith M. Ordway.....	0	0	4	Melaena
July 15	Marie R. Peters.....	0	0	1	Jaundice
July 17	Cornelius W. Sanctuary.....	0	6	24	Pneumonia
July 17	Frank E. Harriman.....	44	5	23	Acute Heart Disease
July 31					
Aug. 2	Charles Heppell.....	0	1	1	Failure to Assimilate Food
Aug. 4	Maria M. Harrow.....	45	1	3	Embolism
Aug. 10	Jacob Wendell.....	44	1	4	Appendicitis
Aug. 12	Henry W. Weston.....	67	6	3	Arterio Sclerosis
Aug. 22	Ann Greeley.....	70	0	0	Myocarditis
Aug. 29	George A. Stratton.....	68	8	9	Asthma
Sept. 2	Mary E. Barrett.....	58	0	0	Carcinoma
Sept. 8	George W. Nichols.....	58	0	20	Cerebral Hemorrhage
Sept. 8	Milton L. Hadley.....	64	9	12	Cerebral Hemorrhage
Sept. 16	William Kidder.....	68	1	19	Septicaemia
Sept. 16	George W. Ayer.....	63	5	0	Intestinal Obstruction
Sept. 29	Gusseppi De Natale.....	45	0	0	Accidental
Oct. 2	Maria D. Damon.....	83	2	2	Carcinoma
Oct. 3	William C. Millbury.....	76	10	20	Cerebral Hemorrhage
Oct. 8	Sarah E. Robinson.....	60	2	10	Carcinoma
Oct. 9	Catherine A. Rice.....	56	6	28	Shock
Oct. 11	Charlotte Scruton.....	87	10	23	Arterio Sclerosis
Oct. 17	Frank Sawyer.....	66	10	15	Myocarditis
Oct. 17	Elizabeth K. Bragdon.....	78	6	6	Nephritis
Oct. 20	Mary U. Lewis.....	72	10	9	Arterio Sclerosis
Oct. 22	Sabina E. Mansfield.....	79	2	5	Cerebral Hemorrhage
Oct. 27	Mary E. Lewis.....	69	7	20	Pneumonia
Nov. 8	Helen Lewis.....	21	6	3	Accidental
Nov. 17	Mary Philbin.....	4	10	0	Diphtheria
Nov. 17	Ann G. Bell.....	58	7	22	Pneumonia
Nov. 20	Arthur E. Davis.....	58	2	30	Heart Disease
Nov. 24	Elizabeth Stingel.....	43	6	17	Cerebral Hemorrhage
Nov. 30					
Dec. 2	Susan Muse.....	74	0	0	Tuberculosis
Dec. 3	Margaret A. Tongue.....	33	7	6	Eclampsia
Dec. 8	John Hanley.....	63	0	28	Cardiac Dilation
Dec. 11	Emery A. Proctor.....	56	1	17	Typhoid Fever
Dec. 16	Susan F. Granfield.....	25	11	10	Bronchitis
Dec. 16	Edward W. Poore.....	5	10	9	Natural Causes
Dec. 21	James Babcock.....	84	7	5	Myocarditis
Dec. 23					
Dec. 24	Olive C. Chick.....	81	3	1	Natural Causes
Dec. 25	Richard P. Duvall.....	1	0	15	Pneumonia
Dec. 25	Charlotte C. Briggs.....	83	4	10	Disease of Heart
Dec. 28	Ellen J. Cadwallader.....	66	0	22	Heart disease

Number of deaths, 109. American born: Males, 44; Females, 34; Foreign born: Males, 12; Females, 19.

## REPORT OF SELECTMEN

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TO THE CITIZENS OF READING :

We herewith submit our report for the year ended December 31, 1916.

### HIGHWAYS

Edward H. Crowe was reappointed Superintendent of Streets and resigned Sept. 1st. W. C. H. Stevenson of Somerville was appointed Superintendent for the balance of the year.

One thousand seven hundred and fifty feet of Lowell Street has been constructed from the end of last year's work to the Wilmington line. A gap of 400 feet was left at the bridge crossing the Boston & Maine R. R., as the approaches will be graded when repairs, which have been ordered, are made to the bridge. The expense was less than estimated on account of leaving the gap at the bridge and the work cost \$6,212.06 instead of \$7,500, as estimated. The work was done by James E. Watkins of Amesbury, and the Commonwealth of Massachusetts and Middlesex County each paid one-third of the expense. The Town appropriated \$2,500 for the work, and a balance of \$404.63 was transferred to the Excess and Deficiency Account.

The work on Main Street, from Haven Street to Washington Street, has not been completed, as that will be one of the first streets to be dug up for sewers. We, therefore, requested the Bay State Street Railway to remove the track they were not using, and \$599.24 was spent out of the appropriation making temporary repairs. The balance of \$1000.76 will be held until the sewer is laid. At that time the track system of the Bay State Street Railway will be altered and relocated so that a single track will be laid in

the centre of Main Street, from Haven Street to Washington Street, and curve entering Haven Street will be a single track, instead of double as is located there at present. The distance between the rails and 18 inches outside of rails will be paved with granite paving blocks. The plans for this work have been approved and are on file, and the order has been issued, but the change will not be made until after the sewer is laid.

The macadam on the northerly side of Woburn Street has been completed from Berkeley Street to West Street. Woburn Street has been resurfaced from the railroad crossing to Temple Street. The southerly side of Haven Street, from Linden to High Street, and approach from Gould Street, has been macadamized and edgestones reset and a new catch basin installed at the corner of Haven and High Streets. Ash Street, from Washington to Main Street, and Washington Street, from Ash to Main Street, have been macadamized. The Town voted \$2,400 to repair West Street with gravel, from Woburn Street to the Woburn line. Our board were of the opinion that to carry out the vote of the Town would be a waste of money as nothing but a permanent road built of some material other than gravel, and a new subgrade put in to prevent heaving by the frost, would stand the traffic which that road is subjected to. We appealed to the Massachusetts Highway Commission and County Commissioners for assistance and were informed that their funds for 1916 were spent, but were able to secure an allotment of \$2,500 from each of them to be available after December 1, 1916, which is the beginning of their fiscal year. The \$7,500 will construct about 2,000 feet of the road. Work was started in November and will be completed as soon as possible in the spring. Another appropriation by the Town, with assistance from the State and County, will complete the construction to the Woburn line. The traveled way of Main Street at the curve near the Old South Church was widened and ledge removed and road macadamized, and a very satisfactory track change was made by the Bay State Street Railway at this point.

Considerable grading and repair work has been done on the streets in various parts of the Town.

A new portable stone crusher with elevator, bins and electric motor was leased for the year with the condition that if the Town wished to purchase at the end of the year that the amount paid for rental could be deducted from the purchase price. It has been a great help to the department; not only could stone be crushed cheaper than it could be purchased but the stone was available when needed, which was quite a factor during this season. Certain conditions existed which made it impossible for corporations dealing in broken stone to fill orders and a great number of contracts taken throughout the state have not been finished, being unable to obtain the broken stone. We, therefore, recommend that the Town purchase the crushing plant, as not only can we obtain broken stone cheaper but can obtain it when needed, which is an important factor in road construction.

#### SIDEWALKS

A new sidewalk was built on the northerly side of Lowell Street, from Winthrop Avenue to High Street.

A new sidewalk was built on Hill Crest Road, from Ellis Avenue to connect with the sidewalk which had been previously built from Oak Street.

A new sidewalk was built on the easterly side of North Main Street, from Forest Street 500 feet north. Sidewalk on the westerly side of Main Street, near Ridge Road, was rebuilt to change of grade of highway.

Gravel grading has been done on a number of sidewalks in various parts of the town.

Tar concrete sidewalks have been built on Prescott and Woburn Streets; 1137 square yards was laid on sidewalks on the above streets. This year our specifications called for a thicker walk than previously laid. The tar walks laid in the fall of 1915 have been resurfaced by the contractor, as work was not satisfactory to our board when finished in 1915, and it was too late to have the work resurfaced that year.



A granolithic sidewalk was built on the easterly side of Summer Avenue, from King Street to near Temple Street. One-third of the expense was paid by the Town and the balance by the abutters.

A granolithic sidewalk was built on Lowell Street, from Sanborn Street, fronting the property of the Christian Science Society. The Town allowed the price of tar concrete toward the expense and the balance was paid by the society.

#### DRAINS

A system of drainage has been installed on Locust Street to care for surface water which came from the direction of the stand pipe and washed away the sidewalk and into the private way connecting Locust and Federal Streets. A retaining wall was built and a flight of concrete steps built from Locust Street into the private way.

A drainage system was installed on Mineral Street, from Summer Avenue to Reading Highlands. This system is so arranged to care for surface water which comes down the hill west of Summer Avenue, and the water is collected in catch basins before it crosses Summer Avenue. A man-hole was installed half way between Summer Avenue and Hancock Street on the southerly side. It is recommended that another basin be installed opposite this man-hole on the northerly side of the street to care for water which is carried down that side of Mineral Street on the surface.

A drainage system was installed on Prescott Street, west of Summer Avenue, which cares for surface water which collected in the highway and made the road impassable in the spring of the year. This system has been connected at Pratt Street with pipe line that empties into the brook which crosses under Prescott Street.

#### DUST LAYING

Three thousand dollars was appropriated for oil for streets, all of which was expended on the highways. The price of oil was 75% higher than last year, therefore our appropriation did not cover as much surface. The heavy



rains of the early summer washed away much of the oil previously applied and the full benefit was not received. It was necessary late in the summer to use the water cart on roads which had been previously oiled.

#### STREET SIGNS

Sixty new street signs were put up during the year. A number of these signs should be put up each year, so that all of our streets will be marked by a uniform sign.

#### LOWELL STREET BRIDGE

The Boston & Maine R. R. have petitioned the Supreme Court for a writ of certiorari to amend or vacate the decree made by the County Commissioners. George L. Mayberry has been retained as counsel by the County and Henry F. Hurlburt by the Boston & Maine R. R. Town Counsel Morton has been working with Mr. Mayberry to see that the Town's interest is protected in the matter.

#### FIRE DEPARTMENT

Orville O. Ordway, William R. Zwicker and Luke McKenney were reappointed Engineers of the Fire Department. Mr. McKenney resigned Sept. 1st to take position as a permanent fireman and Edward B. Eames was appointed an engineer to fill the vacancy.

In accordance with the vote of the Town, the Special Committee, consisting of the Selectmen and the Board of Fire Engineers, together with Frederick L. Springford, Lewis M. Bancroft and John W. Cronin, purchased a combination motor fire truck and a motor ladder truck. Three permanent men were added and the number of call men reduced three. The Central Fire Station is now equipped with three pieces of motor apparatus and a force of five permanent men are on duty at the station. We now have one of the most efficient fire departments, for a town of our size, in the state. The first floor of the station was remodeled in accordance with report of the Special Motorization Committee and a balance of the amount appropriated is being held

toward the cost of further alterations to be made on the second floor when it is vacated by the officers now quartered there.

#### POLICE DEPARTMENT

William E. Swain was reappointed Chief of Police and Jeremiah Cullinane, Oscar H. Low and George C. Stock were reappointed regular police officers. The work of this department has been satisfactory to this board and the members have done their best to enforce the laws and protect persons and property. The number of motor vehicles which now use our highways has given this department a new problem to solve in the handling of traffic, especially on Sundays and holidays. They have, however, handled the matter in a satisfactory manner.

#### MOTH DEPARTMENT

Tree Warden Henry M. Donegan was reappointed Local Superintendent of Moth Work, and the work of this department has been performed in a satisfactory manner both to our board and the State Department, who have supervision of the Moth Work.

#### GENERAL

In accordance with the vote of the Town, Mayall Park has been improved by grading and seeding. Paths have been laid out and shrubery and trees planted. This park, if given proper care, will become one of the beauty spots of our town.

An electric sign lettered "Reading" has been erected on the triangle in the Square. This triangle should be grassed over and a sidewalk made around it.

#### FINANCES

There has been a net increase of the Town Debt for the fiscal year of \$13,025 as follows:

Notes and bonds paid in 1916 . . .	\$33,500 00
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Loans made in 1916 :

Public Library Building . . .	\$5,000 00
Auto Combination Trucks . . .	8,000 00
Richardson Estate . . .	5,550 00
Grouard House Site . . .	975 00
School Extension Loan . . .	15,000 00
Municipal Light Loan . . .	10,000 00
Water Bonds . . .	2,000 00
	<hr/> \$46,525 00

Net increase	\$13,025 00
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Town Debt Dec. 31, 1916 . . .	\$343,225 00
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Town Debt Dec. 31, 1915 . . .	330,200 00
	<hr/>

Net increase . . .	\$13,025 00
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The amount necessary to raise by taxation for notes and bonds this year is \$22,225, an increase of \$7,225 over 1916 :

Maturing in 1917: . . .	\$37,525 00
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Less amount to be paid :

By Water Department . . .	\$3,000 00
By Mun. Light Department . . .	11,300 00
From available revenue, est'ed . . .	1,000 00
	<hr/> \$15,300 00

Amount to be raised in 1917 . . .	\$22,225 00
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Amount raised in 1916 . . .	15,000 00
	<hr/>

Increase . . .	\$7,225 00
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#### RECOMMENDATIONS

That Woburn Street be macadamized from Railroad Crossing to Lowell Street.

That Summer Avenue be macadamized, from Mineral Street to Prescott Street.

That High Street be macadamized, from Vine Street to Middlesex Avenue, and gravel graded from Middlesex Avenue to Lowell Street.

That the macadam on Prescott Street be continued to Summer Avenue.

That Vine Street and Charles Street be graded with gravel.

That the macadam on Lowell Street be continued to the Square and that sidewalk in front of Grouard Lot be lowered to conform to the grade of the street, provided it can be done without injury to the shade trees.

That the Town purchase the stone crusher now rented by them.

That the building of tar concrete sidewalks be continued.

#### CONCLUSION

We acknowledge the many courtesies extended to us by the various boards of the Town and Town Officers, and extend to them our thanks for their co-operation.

EDGAR O. DEWEY

EDWIN L. HUTCHINSON

OTIS B. RUGGLES

Selectmen of Reading.

## REPORT OF THE OVERSEERS OF THE POOR

### TO THE CITIZENS OF READING :

We herewith submit the following report for the year ended December 31, 1916.

L. A. Deming was reappointed Superintendent of the Town Home. The home has been conducted in a satisfactory manner and the receipts have increased about five hundred dollars over last year. The roof of the home was boarded and shingled with fire resisting shingles and three dormer windows built. Three radiators have been installed and all rooms now have radiators except the attic. The buildings are in excellent condition. We recommend that a porch be built over the back door with an entrance from the second story. This could be used in the summer months for the convalescent patients and could be so arranged that beds could be moved from the rooms to the porch. The inmates are aged and subject to many ills and three are blind. It has been necessary at times to use the men's sitting room as a hospital ward.

There are eight inmates at the home. During the year five have been admitted and left the home after receiving temporary aid, and there has been one death.

Assistance rendered the outside poor is increasing each year. The new settlement law, which went into effect in August, has not been in operation long enough to determine whether it will increase the amount of aid rendered. Under this law the Town is relieved of reimbursing cities and towns for aid rendered persons who had a settlement but have been absent for five consecutive years, and the Town becomes responsible for cases of persons who have gained a settlement by five years residence. In order that our cases should be kept in touch with at all times we recommend

that a visitor should be appointed. We feel that a visitor familiar with this kind of work would be of great assistance in the relief work and that aid would be rendered in a more satisfactory and economical manner.

Aid rendered under the provisions of Chapter 763, Acts of 1913, to mothers with dependent children, has been about the same as last year.

PERSONAL PROPERTY AT THE TOWN HOME DEC. 31, 1916

Live stock . . . . .	\$645 00
Hay, grain and feed . . . . .	430 00
Wagons, carts and sleds . . . . .	237 00
Farming tools, implements, etc. . . . .	365 00
Fuel . . . . .	86 00
Beds and bedding, household furniture and utensils . . . . .	550 00
Provisions and supplies . . . . .	276 60
	<hr/>
	\$2,589 60

For the financial statement of this department we would respectfully refer to report of the Town Accountant.

EDGAR O. DEWEY

EDWIN L. HUTCHINSON

OTIS B. RUGGLES

Overseers of the Poor.



## TREASURER'S REPORT

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### TO THE CITIZENS OF READING:

In accordance with the votes passed at the several town meetings during the past year, I have issued the following loans, viz.: Municipal Light loan, bond issue, \$10,000, payable \$500 each year 1917 to 1936 inclusive; Public Library loan, \$5,000, payable \$1,000 each year 1917 to 1921 inclusive; school purposes, Grouard House Site loan, \$975, payable 1917; Hook and Ladder and Hose Carriage loan, \$8,000, payable \$2,000 in 1917 and \$1,500 each year 1918 to 1921 inclusive; Richardson Lot loan, \$5,550, payable \$550 in 1917 and \$500 each year 1918 to 1927 inclusive; School Extension loan, bond issue, \$15,000, payable \$1,000 each year 1917 to 1931 inclusive. I have also sold for account of the Water Department two coupon bonds, \$1,000 each, Reading Water loan, payable 1935 and 1936. All of the above loans bear interest at 4% per annum, and with the exception of the Grouard House Site loan were sold at premiums on a percentage basis from 3.80% to 3.98%.

Notes have been issued for revenue loans to the amount of \$160,000. Of this amount \$90,000 has been paid, with a balance of \$70,000 to be paid in 1917.

The average daily balance of revenue loans in 1916 was \$102,630, and the average rate of interest paid was 3.13%.

WARD C. MANSFIELD, Treasurer.

TREASURER'S REPORT, TOWN OF READING  
DECEMBER 30, 1916

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WATER DEPARTMENT

DR.

1916

Jan. 1	To cash balance from Dec.	
	31, 1915 . . . . .	\$162 62
	To cash deposits by Water	
	Commissioners . . . . .	27,671 21
	To interest . . . . .	63 73
		<hr/>
	Total . . . . .	\$27,897 56

CR

	By payments as per vouchers	\$27,643 21
Dec. 30	By balance cash on hand . . . . .	236 35
		<hr/>
	Total . . . . .	\$27,879 56

WARD C. MANSFIELD, Treasurer,

TREASURER'S REPORT, TOWN OF READING  
DECEMBER 30, 1916

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MUNICIPAL LIGHT DEPARTMENT

DR.

1916

Jan. 1	To cash balance from Dec.	
	31, 1915 . . . . .	\$2,707 61
	To cash deposits by Municipal	
	Light Board . . . . .	86,608 98
	To interest . . . . .	106 59
		<hr/>
	Total . . . . .	\$89,423 18

CR.

	By payments as per vouchers	\$89,138 24
Dec. 30	By balance cash on hand . . . . .	284 94
		<hr/>
	Total . . . . .	\$89,423 18

WARD O. MANSFIELD, Treasurer.

TREASURER'S REPORT, CEMETERY BEQUEST FUND  
DECEMBER 30, 1916

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DR.

1916

Jan. 1	To cash balance from Dec. 31,		
	1915 . . . . .	\$1,656	85
	To cash payment of bonds and		
	notes . . . . .	2,500	00
	To cash sundry bequests . . . . .	1,480	00
	To interest . . . . .	922	46
			<hr/>
	Total . . . . .	\$6,559	31

CR.

	By payment care of lots . . . . .	\$883	75
	By investment . . . . .	3,975	00
Dec. 30	By balance cash on deposit in		
	Mechanics Savings Bank . . . . .	1,700	56
			<hr/>
	Total . . . . .	\$6,559	31

WARD C. MANSFIELD, Treasurer.

TREASURER'S REPORT, PUBLIC LIBRARY BEQUEST  
DECEMBER 30, 1916

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DR.

1916

Jan. 1	To cash balance from Dec.		
	31, 1915 . . . . .	\$293 83	
	To interest . . . . .	11 84	
		<hr/>	
	Total . . . . .		\$305 67

CR.

Dec. 30	By balance cash on deposit		
	Mechanics Savings Bank		\$305 67

WARD C. MANSFIELD, Treasurer.

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TREASURER'S REPORT, GEORGE F. BUCK TRUSTEE  
FUND, DECEMBER 30, 1916

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DR.

1916

Jan. 1	To cash balance from Dec.		
	31, 1915 . . . . .	\$208 00	
	To interest . . . . .	8 40	
		<hr/>	
	Total . . . . .	\$216 40	

CR.

Dec. 30	By balance cash on deposit in		
	Mechanics Savings Bank		\$216.40

WARD C. MANSFIELD, Treasurer.

Dr.

## TREASURER'S REPORT

1916		
Jan. 1	To cash balance from Dec. 31, 1915.....	\$2,566 61
"	H. M. Viall, Collector, Tax 1913 .....	\$361 83
"	H. M. Viall, Collector, Tax 1914.....	10,245 24
"	H. M. Viall, Collector, Tax 1915.....	41,281 49
"	H. M. Viall, Collector, Tax 1916.....	122,144 20
"	H. M. Viall, Collector, Excise Tax .....	2,894 33
"	H. M. Viall, Interest .....	2,428 26
"	H. M. Viall, redemption of property taken.....	366 67
"	H. M. Viall, certificate of taxes .....	8 00
"	H. M. Viall, taxes paid after abatement.....	2 20
"	Commonwealth of Mass., Lowell Street macadam .....	2,058 35
"	Commonwealth of Mass., South Main Street.....	222 73
"	Commonwealth of Mass., Corporation Tax .....	169 61
"	Commonwealth of Mass., National Bank Tax.....	10 11
"	Commonwealth of Mass., Temporary Aid.....	178 66
"	Commonwealth of Mass., Soldiers' Exemption....	158 62
"	Chapter 763, Acts 1913.....	2,388 33
"	Revenue loans.....	160,000 00
"	School loan in anticipation of bond issue.....	15,000 00
"	Hook and Ladder Truck loan.....	8,000 00
"	Public Library loan .....	5,000 00
"	Richardson Estate loan.....	5,550 00
"	School loan, Grouard House Site .....	975 00
"	School extension loan .....	15,000 00
"	Water Department, bond payment.....	3,000 00
"	School Department, tuition, etc.....	3,675 87
"	School Department, Agricultural Division.....	1,497 00
"	Public Library, Dog Tax and fines .....	727 08
"	Cemetery Department, labor, etc.....	893 75
"	Cemetery Account, sale of lots and graves.....	910 00
"	Cemetery Account, interest.....	196 41
"	Highway Department, sundry items.....	9 80
"	Stone Crusher Account.....	54 55
"	Moth Department, private work.....	999 25
"	Police Department, court fines .....	117 00
"	Health Department .....	277 74
"	Town Home, sale of stock, produce, etc.....	1,103 10
"	Poor Department.....	101 10
"	Poor Department, Town of Norfolk.....	31 40
"	Poor Department, Town of Methuen.....	18 00
"	Interest, National Bank deposits.....	484 66
"	Premium Account.....	129 24
"	Forest Warden Department, telephone tolls, etc..	2 32
"	Fire Department, sale of old hose, etc.....	24 73
"	Insurance, premiums returned .....	57 12
"	Licenses and permits.....	280 00
"	Concrete sidewalk .....	163 04
"	Assessors' expenses .....	13 95
"	Selectmen's expenses .....	4 50
"	Miscellaneous expenses.....	56 14
"	Tree Warden Department.....	50 00
"	Sealer of Weights and Measures .....	40 32
"	Parker Tavern rental.....	45 00
"	Petty cash. ....	2,600 00
Total receipts .....		\$412,006.70
Total cash.....		\$414,573 31



## TOWN OF READING, DEC. 30, 1916

CR.

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1916		
	By discount revenue loans.....	\$3,260 40
	By discount school loans .....	131 60
	By payments as per vouchers .....	403,534 25
Dec. 30	By balance cash on hand. ....	7,647 06
	Total .....	<u>\$414,573 31</u>

WARD C. MANSFIELD, Treasurer.



# Annual Report

OF THE

## TOWN OF READING

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SELECTMEN'S OFFICE,

Reading, Jan. 1, 1917

TO THE HONORABLE BOARD OF SELECTMEN:

The undersigned herewith presents the annual statement of the receipts and expenditures of the Town of Reading for the financial year ending December 31, 1916, together with such other information relating to the fiscal interests of the Town as may be of general interest. The last part of this report is devoted to an exhibit of the receipts and payments of the Town, arranged and classified as prescribed by the Bureau of Statistics, Schedule A, for the fiscal year ending December 31, 1916.

Respectfully submitted

JOHN H. SHELDON

Town Accountant.

REPORT OF TOWN ACCOUNTANT FOR FINANCIAL  
YEAR ENDING DEC. 31, 1916

RECEIPTS FROM ALL SOURCES DURING THE YEAR

Municipal Light Department	.	.	.	\$86,715	57
Water Department	.	.	.	27,716	94
General Accounts	.	.	.	427,297	68
Cash on hand beginning of year:					
Municipal Light	.	.	.	2,707	61
Water Department	.	.	.	162	62
General cash	.	.	.	2,566	61
					<hr/>
					\$547,167 03

PAYMENTS FOR YEAR

Municipal Light	.	.	.	\$89,138	24
Water Department	.	.	.	27,643	21
General Accounts	.	.	.	422,217	23
Cash on hand Dec. 31, 1916:					
Municipal Light	.	.	.	284	94
Water Department	.	.	.	236	35
General cash	.	.	.	7,647	06
					<hr/>
					\$547,167 03

## TOWN DEBT

The total indebtedness of the Town  
 Jan. 1, 1916 . . . . . \$330,200 00

This has been increased during the  
 year by the issue of bonds and  
 notes as follows:

Library Building . . . . .	\$5,000 00	
Hook and Ladder and Combination Trucks . . . . .	8,000 00	
Richardson Estate . . . . .	5,550 00	
Grouard Site Loan . . . . .	975 00	
School Extension Loan . . . . .	15,000 00	
Municipal Light Loan . . . . .	10,000 00	
Water Bonds . . . . .	2,000 00	
	<hr/>	\$46,525 00
		<hr/>
		\$376,725 00

There has been a decrease by the  
 payment of the following bonds  
 and notes:

Municipal Light . . . . .	\$10,800 00
Water Bonds . . . . .	\$13,000 00
Current Expense Bonds . . . . .	1,200 00
Chemical Truck . . . . .	1,500 00
Grouard Estate Loan . . . . .	1,000 00
Lowell Street School . . . . .	1,000 00
High School Building . . . . .	5,000 00
	<hr/>
	\$33,500 00
	<hr/>
Total indebtedness Dec. 31, 1916	\$343,225 00

## SUMMARY OF TOWN DEBT

1916	1915	INCREASE
\$343,225 00	\$330,200 00	\$13,025 00

The following is a statement of the total debt of the Town, with the rate of interest thereon:

### MUNICIPAL LIGHT LOANS

RATE OF INT.	WHEN DUE	AMOUNT	TOTAL
4 and 4 1-2%	1917	\$11,300 00	
4 and 4 1-2%	1918	11,300 00	
4 and 4 1-2%	1919	11,300 00	
4 and 4 1-2%	1920	11,300 00	
4 and 4 1-2%	1921	11,300 00	
4 and 4 1-2%	1922	9,300 00	
4 and 4 1-2%	1923	7,300 00	
4 and 4 1-2%	1924	6,800 00	
4 and 4 1-2%	1925	4,800 00	
4 and 4 1-2%	1926	3,800 00	
4 and 4 1-2%	1927	3,800 00	
4 and 4 1-2%	1928	3,800 00	
4 and 4 1-2%	1929	3,800 00	
4 and 4 1-2%	1930	3,800 00	
4 and 4 1-2%	1931	2,500 00	
4 and 4 1-2%	1932	2,500 00	
4 and 4 1-2%	1933	1,500 00	
4%	1934	500 00	
4%	1935	500 00	
4%	1936	500 00	\$111,700 00

### HIGH SCHOOL BUILDING

RATE OF INT.	WHEN DUE	AMOUNT	TOTAL
3 1-2 and 4%	1917	\$4,000 00	
3 1-2%	1918	4,000 00	
3 1-2%	1919	4,000 00	
3 1-2%	1920	4,000 00	
3 1-2%	1921	4,000 00	
3 1-2%	1922	4,000 00	
3 1-2%	1923	4,000 00	
3 1-2%	1924	4,000 00	
3 1-2%	1925	4,000 00	\$36,000 00



## WATER LOANS

RATE OF INT.	WHEN DUE	AMOUNT	TOTAL
4 %	1917	\$13,000 00	
4 %	1918	13,000 00	
4 %	1919	13,000 00	
4 %	1920	13,000 00	
4 %	1921	13,000 00	
4 %	1922	13,000 00	
4 %	1923	11,000 00	
4 %	1924	11,000 00	
4 %	1925	11,000 00	
4 %	1926	6,000 00	
4 %	1927	6,000 00	
4 %	1928	6,000 00	
4 %	1929	6,000 00	
4 %	1930	6,000 00	
4 %	1931	1,000 00	
4 %	1932	1,000 00	
4 %	1933	1,000 00	
4 %	1934	1,000 00	
4 %	1935	1,000 00	
4 %	1936	1,000 00	\$147,000 00

## GROUARD ESTATE LOAN

RATE OF INT.	WHEN DUE	AMOUNT	TOTAL
4 %	1917	\$1,000 00	
4 %	1918	1,000 00	
4 %	1919	1,000 00	
4 %	1920	1,000 00	
4 %	1921	1,000 00	\$5,000 00

## AUTO CHEMICAL TRUCK

RATE OF INT.	WHEN DUE	AMOUNT	TOTAL
4 1-2 %	1917	\$1,500 00	
4 1-2 %	1918	1,500 00	\$3,000 00

## CEMETERY AND LIBRARY BEQUESTS

RATE OF INT.	WHEN DUE	AMOUNT	TOTAL
4 %	1917	\$1,200 00	
4 %	1918	1,200 00	
4 %	1919	1,200 00	
4 %	1920	1,200 00	
4 %	1921	1,200 00	\$6,000 00

## PUBLIC LIBRARY BUILDING

RATE OF INT.	WHEN DUE	AMOUNT	TOTAL
4 %	1917	\$1,000 00	
4 %	1918	1,000 00	
4 %	1919	1,000 00	
4 %	1920	1,000 00	
4 %	1921	1,000 00	\$5,000 00

## HOOK AND LADDER AND COMBINATION TRUCKS

RATE OF INT.	WHEN DUE	AMOUNT	TOTAL
5 %	1917	\$2,000 00	
5 %	1918	1,500 00	
5 %	1919	1,500 00	
5 %	1920	1,500 00	
5 %	1921	1,500 00	\$8,000 00

## RICHARDSON ESTATE LOT

RATE OF INT.	WHEN DUE	AMOUNT	TOTAL
4 %	1917	\$550 00	
4 %	1918	500 00	
4 %	1919	500 00	
4 %	1920	500 00	
4 %	1921	500 00	
4 %	1922	500 00	
4 %	1923	500 00	
4 %	1924	500 00	
4 %	1925	500 00	
4 %	1926	500 00	
4 %	1927	500 00	\$5,550 00

## SCHOOL EXTENSION LOAN

RATE OF INT.	WHEN DUE	AMOUNT	TOTAL
4 %	1917	\$1,000 00	
4 %	1918	1,000 00	
4 %	1919	1,000 00	
4 %	1920	1,000 00	
4 %	1921	1,000 00	
4 %	1922	1,000 00	
4 %	1923	1,000 00	
4 %	1924	1,000 00	
4 %	1925	1,000 00	
4 %	1926	1,000 00	
4 %	1927	1,000 00	
4 %	1928	1,000 00	
4 %	1929	1,000 00	
4 %	1930	1,000 00	
4 %	1931	1,000 00	\$15,000 00

## GROUARD HOUSE SITE

RATE OF INT.	WHEN DUE	AMOUNT	TOTAL
4 %	1917	\$975 00	\$975 00
Total Indebtedness December 31, 1916			\$343,225 00

## TEMPORARY LOANS

Balance from 1916 . . . . .	\$60,000 00
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## BORROWED IN 1916

Cambridge Savings Bank, due Nov. 8, 1916, 2.73% . . . . .	\$30,000 00
Cambridge Savings Bank, due Nov. 22, 1916, 2.79% . . . . .	30,000 00
Cambridge Savings Bank, due Dec. 20, 1916, 2.83% . . . . .	30,000 00
C. D. Parker & Co., due April 2, 1917, 3 $\frac{3}{4}$ % . . . . .	40,000 00
C. D. Parker & Co., anticipation of bond issue, School Extension Loan, due Nov. 22, 1916, 3.29%	15,000 00
Harry C. Grafton, Jr., due April 25, 1917, 3.49% . . . . .	30,000 00
	<hr/>
	175,000 00
	<hr/>
	\$235,000 00

## PAID IN 1916

Cambridge Savings Bank, due Nov. 8, 1916, 2.73% . . . . .	\$30,000 00
Cambridge Savings Bank, due Nov. 22, 1916, 2.79% . . . . .	30,000 00
Cambridge Savings Bank, due Dec. 20, 1916, 2.83% . . . . .	30,000 00
F. S. Mosley, due April 12, 1916, 3.61% . . . . .	30,000 00
C. D. Parker & Co., due April 5, 1916, 3.44% . . . . .	30,000 00
C. D. Parker & Co., due Nov. 22, 1916, 3.29% . . . . .	15,000 00
	<hr/>
	165,000 00
	<hr/>
Total outstanding temporary loans . . . . .	\$70,000 00

## TEMPORARY LOANS OUTSTANDING

O. D. Parker & Co., due April 2,	
1917, 3 3-4% . . . . .	\$40,000 00
Harry O. Grafton, Jr., due April	
25, 1917, 3.49% . . . . .	30,000 00
	<hr/>
	\$70,000 00

## TOWN DEBT DECEMBER 31, 1916

DUE IN 1917		NOTES AND BONDS		TOTAL
	Per Cent.			
Mar. 27	\$1,000 4	Municipal Light	}	\$111,700 00
Apr. 16	1,500 4 1-4	Municipal Light		
May 15	1,500 4	Municipal Light		
July 15	2,500 4	Municipal Light		
Sept. 15	500 4 1-2	Municipal Light		
Oct. 1	2,000 4	Municipal Light		
Oct. 1	1,000 4 1-2	Municipal Light		
Oct. 15	1,500 4 1-4	Municipal Light	}	
June 1	13,000 4	Water Loans . . . .		
Nov. 1	4,000 3 1-2	High School . . . .		
July 21	1,000 4	Grouard Estate . . . .		
July 15	1,500 4 1-2	Auto Chemical Truck .		
Apr. 15	1,200 4	Current Expense Bonds		
Nov. 1	1,000 4	Public Library Building		
Nov. 1	2,000 4	H. & L. & Com. Trucks		
Nov. 1	550 4	Richardson Estate . .		
Nov. 15	1,000 4	School Extension Loan		
Nov. 1	975 4	Grouard House Site . .		
	<hr/>			
	\$37,525			\$343,225 00

## FINANCES

The assessed valuation of the Town April 1.

1916, was . . . . .		\$8,256,095 00
Real Estate . . . . .	\$6,682,970 00	
Personal Estate . . . . .	1,573,125 00	
	<hr/>	\$8,256,095 00

Assessed at \$20.60 per \$1,000

gives . . . . .	\$170,075 16	
2114 Polls at \$2.00 . . . . .	4,228 00	
	<hr/>	\$174,303 16

This tax is divided as follows  
for Town purposes:

Maturing indebtedness . . . . .	\$15,000 00
Interest . . . . .	3,300 00
General Government . . . . .	11,925 00
Protection to Persons and Property . . . . .	23,352 81
Inspection . . . . .	605 00
Health and Sanitation . . . . .	1,995 00
Highways, Bridges and Side- walks, including Street Lighting (\$5,000) . . . . .	32,350 00
Charities . . . . .	5,300 00
Soldiers' Benefits . . . . .	750 00
Education . . . . .	51,590 00
Public Library . . . . .	1,700 00
Recreation and Celebrations . . . . .	1,567 00
Cemetery . . . . .	1,200 00
Unclassified . . . . .	6,375 00

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\$156,919 81

Less Corporation Taxes . . . . . 8,600 00

Total for Town purposes . . . . .	\$148,319 81	
State Tax . . . . .	\$13,360 00	
County Tax . . . . .	8,621 76	
Highway Tax . . . . .	1,965 00	
Fire Prevention . . . . .	118 71	
Overlay . . . . .	1,917 88	
	<hr/>	\$174,303 16



## TRUST FUNDS

Balance from 1915	\$16,861 10
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## RECEIVED IN 1916

George H. Grouard	\$100 00
Estate of Joseph Williams	100 00
Martha Converse	100 00
Roxanna Peabody	100 00
Eva S. Stone	100 00
Cora F. Adams	100 00
Estate Elnathan Brown	100 00
Orlando M. Brooks	100 00
Heirs Samuel T. Ruggles	80 00
William W. Watson	100 00
Mary A. Pillsbury	50 00
Sarah A. Ayer	100 00
Estate of Betsy W. Symonds	200 00
Mrs. Joseph Temple	100 00
Henry Cook	50 00

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	\$18,341 10
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Interest accrued on the above unexpended	1,081 96
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	\$19,423 06
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## CEMETERY BEQUEST FUND

The Treasurer, Cemetery Trustees and Selectmen, acting as Trustees of the Cemetery Fund, held on Dec. 31, 1916, cash and securities amounting to . . . \$19,423 06

Balance from 1915	\$17,950 18
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Received from bequests	\$1,480 00
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Received from interest	876 63
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	\$2,356 63
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Less amount paid for

perpetual care	883 75
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	1,472 88
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	\$19,423 06
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This Fund is invested as follows :

Town of Reading Electric Light, Wilmington Extension, 4%, in- terest payable Jan'y and July	\$10,000 00	
Town of Reading Electric Light, construction within Town limits, 4%	3,500 00	
Grouard House Site loan, 4%, in- terest due May and Nov.	975 00	
Public Library Building, inter- est due April and Oct., 4%	3,000 00	
Accrued interest to Dec. 31, 1916	247 00	
Cash in Mechanics Savings Bank	1,700 56	
	<hr/>	\$19,423 06

#### LIBRARY BEQUEST FUND

The Treasurer and Trustees of the Public Library  
held Dec. 31, 1916 . . . . . \$305 67

This amount is invested as follows :

Cash in Mechanics Savings Bank . . \$305 67

#### GEORGE F. BUCK TRUSTEE FUND

The Treasurer and Trustees of the Cemetery held  
Dec. 31, 1916 . . . . . \$216 40

This amount is invested as follows :

Cash in Mechanics Savings Bank . . \$216 40

#### CASH HELD BY THE TREASURER

Cemetery Bequest Fund . . . .	\$1,700 56	
Library Bequest Fund . . . .	305 67	
George F. Buck Trustee Fund . .	216 40	
	<hr/>	\$2,222 63

## APPROPRIATIONS AND EXPENDITURES

Detailed account of the appropriations made by the Town  
during the year, together with the transfers, the expen-  
ditures and the unexpended balance Dec. 31, 1916.

### GENERAL GOVERNMENT

#### LEGISLATIVE

##### MODERATOR :

Appropriation . . . . .	\$50 00
Transferred from the Excess and Deficiency Account . . . . .	15 00
	<hr/> \$65 00

#### EXPENDED

Jesse W. Morton, Moderator . . . . .	\$65 00
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#### EXECUTIVE

##### SELECTMEN'S SALARIES :

Appropriation . . . . .	\$500 00
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#### EXPENDED

Edgar O. Dewey, Chairman . . . . .	\$200 00
Edwin L. Hutchinson, Secretary . . . . .	150 00
Otis B. Ruggles . . . . .	150 00
	<hr/> \$500 00

#### OTHER EXPENSES

Appropriation . . . . .	\$200 00
Receipts, sundry sources . . . . .	4 50
	<hr/> \$204 50

#### EXPENDED

Post office box rent . . . . .	\$2 25
Office supplies . . . . .	73 90
Printing . . . . .	39 65

Telephone . . . . .	\$60 56
Auto hire . . . . .	15 00
Typewriting . . . . .	10 00
Incidentals . . . . .	1 65

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\$203 01

Transferred to Excess and Deficiency Account . . . .	1 49
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\$204 50

## UNPAID BILLS

N. E. Telephone Co., telephone . .	\$3 19
National Express Co., express . .	28
W. E. & J. F. Twombly, printing .	7 25

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\$10 72

## FINANCIAL

## TOWN ACCOUNTANT:

Appropriation . . . . .	\$750 00
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## EXPENDED

John H. Sheldon, services . . . .	\$750 00
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## OTHER EXPENSES

Appropriation . . . . .	\$100 00
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## EXPENDED

F. L. Springford, services . . . .	\$75 00
J. H. Sheldon, extra work . . . .	25 00
	<hr/>
	\$100 00

## TREASURER'S SALARY:

Appropriation . . . . .	\$600 00
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## EXPENDED

Ward O. Mansfield, services . . . .	\$600 00
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## OTHER EXPENSES

Appropriation . . . . .	\$235 00
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## EXPENDED

Treasurer's bond . . . . .	\$75 00
Certification of Notes . . . . .	72 00
Voucher checks . . . . .	19 50
Recording deeds . . . . .	2 45

Office supplies . . . . .	\$24 40	
Printing . . . . .	6 14	
Express . . . . .	27	
	<hr/>	
	\$199 76	
Transferred to Excess and Deficiency Account . . . .	35 24	
	<hr/>	\$235 00
TAX COLLECTOR'S SALARY:		
Appropriation . . . . .		\$1,200 00
EXPENDED		
Herbert M. Viall, Collector, 5-8 of 1 % on collections . . . . .	\$1,188 72	
Transferred to Excess and Deficiency Account . . . . .	11 28	
	<hr/>	\$1,200 00
TAX COLLECTOR'S EXPENSES:		
Appropriation . . . . .		\$185 00
Transferred from Excess and Deficiency Account . . . . .		14 30
		<hr/>
		\$199 30
EXPENDED		
Books and office supplies . . . . .	\$26 24	
Legal services . . . . .	5 00	
Envelopes and postage . . . . .	125 56	
Printing . . . . .	38 00	
Incidentals . . . . .	4 50	
	<hr/>	\$199 30
ASSESSORS' SALARIES:		
Appropriation . . . . .		\$1,150 00
EXPENDED		
Millard F. Charles . . . . .	\$383 33	
Ardine M. Allen . . . . .	383 34	
George E. Horrocks . . . . .	383 33	
	<hr/>	\$1,150 00
ASSESSORS' EXPENSES:		
Appropriation . . . . .		\$500 00
Receipts refund . . . . .		13 00
		<hr/>
		\$513 00

## EXPENDED

Printing . . . . .	\$32 00
Service on plans . . . . .	49 80
Supplies . . . . .	34 31
Abstracting . . . . .	24 75
Auto hire . . . . .	6 00
Street List . . . . .	216 00
Copying Valuation Book . . . . .	75 00
Incidentals . . . . .	14 00

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 \$451 86

 Transferred to Excess and Defi-  
 ciency Account . . . . .

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 61 14

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 \$513 00

## ASSESSORS' RENT AND OFFICE EXPENSES:

Appropriation . . . . .	\$500 00
Received, telephone tolls . . . . .	95

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 \$500 95

 Transferred from Excess and Defi-  
 ciency Account . . . . .

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 1 34

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 502 29

## EXPENDED

Desks and Chairs . . . . .	\$121 65
Safe . . . . .	135 00
Table . . . . .	10 00
Adding Machine . . . . .	166 25
Rent . . . . .	52 00
Telephone . . . . .	9 61
Lighting . . . . .	1 50
Supplies . . . . .	6 28

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 \$502 29

## REVALUATION:

Appropriation . . . . .	\$600 00
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## EXPENDED

Typewriting . . . . .	\$25 00
Rent of Typewriter . . . . .	3 00
Printing reports . . . . .	350 00



M. F. Charles, services . . . .	\$74 00	
A. M. Allen, services . . . .	74 00	
George E. Horrocks, services . . . .	74 00	
	<hr/>	\$600 00

## TOWN CLERK'S SALARY:

Appropriation . . . . .	\$150 00
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## EXPENDED

M. F. Charles, salary . . . . .	\$150 00
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## OTHER EXPENSES

Appropriation . . . . .	\$275 00
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## EXPENDED

Reporting deaths . . . . .	\$35 25
Reporting births . . . . .	27 25
Recording births . . . . .	62 50
Recording marriages . . . . .	14 20
Recording deaths . . . . .	20 60
Printing . . . . .	29 00
Office supplies, stationery, expenses, etc	74 92
Typewriting By-Laws . . . . .	5 00
	<hr/>
	\$268 72

Transferred to Excess and Deficiency Account . . . . .

6 28

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 \$275 00

## UNPAID BILLS

Dr. Geo. F. Dow, reporting births	.	\$8 00
Doherty Bros., reporting deaths	. .	3 25
W. E. & J. F. Twombly, printing	. .	2 75
Canton Pub. Co., supplies	. . . .	1 25
		<hr/>

## ELECTION AND REGISTRATION

## REGISTRARS' SALARIES

Appropriation . . . . .	\$130 00
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## EXPENDED

M. F. Charles, clerk	.	.	.	.	\$40 00
Walter S. Prentiss	.	.	.	.	30 00
Arthur O. Copeland	.	.	.	.	30 00
Owen McKenney	.	.	.	.	30 00

## ELECTION EXPENSES

Appropriation . . . . .	\$650 00
Transferred from Excess and De- ficiency Account . . . . .	113 71
	<hr/>
	\$763 71

## EXPENDED

Pay roll election officers . . . . .	\$253 00
Rent of hall . . . . .	172 00
Storing and care of booths . . . . .	10 00
Labor on booths . . . . .	67 22
Printing ballots, warrants, etc. . . . .	170 89
Counting board . . . . .	5 00
A. M. Allen, services . . . . .	31 00
Selectmen, services . . . . .	45 00
Incidentals . . . . .	9 60
	<hr/>
	\$763 71

## UNPAID BILLS

W. C. Morse, supplies . . . . .	\$2 50
W. E. & J. F. Twombly, printing . . . . .	61 76
	<hr/>
	\$64 26

## OTHER GENERAL ACCOUNTS

## MISCELLANEOUS EXPENSES

Appropriation . . . . .	\$1,200 00
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## RECEIVED

From sundry sources . . . . .	\$56 14
Transferred from Excess and De- ficiency Account . . . . .	3 00
	<hr/>
	\$1,259 14

## EXPENDED

Revenue stamps . . . . .	\$18 00
Typewriting . . . . .	3 00
Lighting Old South Clock . . . . .	113 40
Sec'y of Finance Committee . . . . .	50 00
Sec'y of Finance Committee, expenses . . . . .	5 32
Telephone, Moth Department . . . . .	18 36
Printing town reports . . . . .	692 56

Printing Finance Committee's Report	\$72 00	
Legal services, French & Coolidge .	125 00	
Express . . . . .	3 00	
Flags . . . . .	52 15	
Incidentals . . . . .	4 10	
Printing By-Laws and Traffic Laws .	102 25	
	<hr/>	\$1,259 14

## UNPAID BILLS

Prentiss & Viall, insurance . . . .	\$7 13	
E. M. Halligan, professional services	17 00	
W. E. & J. F. Twombly, printing .	93 50	
	<hr/>	\$117 63

## TOWN BUILDING

Appropriation . . . . .	\$600 00	
Transferred from Excess and Deficiency Account . . . . .	58	
	<hr/>	\$600 58

## EXPENDED

Fuel . . . . .	\$216 87	
Lighting . . . . .	186 89	
Cleaning cesspools . . . . .	21 50	
Repairs . . . . .	35 47	
Desks . . . . .	78 30	
Desk lamps . . . . .	19 80	
Inspection of boiler . . . . .	2 00	
Express . . . . .	3 22	
Supplies . . . . .	36 53	
	<hr/>	\$600 58

## UNPAID BILLS

Wendell Bancroft & Co., fuel . . .	\$110 00	
E. J. Roundy, weather strips . . .	15 00	
Municipal Light, lighting . . . .	15 08	
	<hr/>	\$140 08

## INSURANCE

Appropriation . . . . .	\$1,800 00
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## RECEIVED

Dividends and return premiums . . . . .	57 12
	<hr/>
	\$1,857 12

## EXPENDED

Geo. E. Horrocks, premiums . . . . .	\$555 00
Prentiss & Viall, premiums . . . . .	439 68
W. K. Badger, premiums . . . . .	244 40
H. P. Bosson, premiums . . . . .	406 56
W. H. Wightman & Co., premiums . . . . .	2 00
	<hr/>
	\$1,647 64
Transferred to Excess and Deficiency Account . . . . .	209 48
	<hr/>
	\$1,857 12

## UNPAID BILLS

Harry P. Bosson, premiums . . . . .	\$30 60
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## LIGHTING G. A. R. HALL

Appropriation . . . . .	\$50 00
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## EXPENDED

For lighting . . . . .	\$50 00
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## BLOCK SYSTEM SURVEY

Balance from 1915 . . . . .	\$116 06
Appropriation . . . . .	500 00
	<hr/>
	\$616 06

## EXPENDED

O. E. Carter, plans and surveys . . .	\$432 02
Balance to 1917 . . . . .	<u>\$284 04</u>

## TOWN COUNSEL'S SALARY

Appropriation . . . . .	\$500 00
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## EXPENDED

Jesse W. Morton, salary . . . . .	\$500 00
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## FIRE STATION ALTERATIONS AND FURNISHINGS

Appropriation . . . . .	\$2,200 00
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## EXPENDED

Henry Johnson, contract . . . . .	\$1,558 89
Francis Bros., supplies . . . . .	94 51
Francis Bros., beds . . . . .	55 20
Lewis Electric Co., supplies . . . . .	8 93
A. B. Condit & Co. . . . .	11 27
Adams & Co., sheets and blankets . . . . .	25 38
J. W. Poole & Co., Inc., repairs . . . . .	15 81
Robert E. Parker, expenses . . . . .	11 79
	<u>\$1,781 78</u>
Balance to 1917 . . . . .	<u>\$418 22</u>

## ELECTRIC SIGN, READING

Appropriation . . . . .	\$125 00
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## EXPENDED

The Flex Lume Sign Co., sign . . . . .	\$91 35
Express . . . . .	1 98
Labor . . . . .	13 73
	<u>\$107 06</u>
Balance to 1917 . . . . .	<u>\$17 94</u>

## NEW TOWN BUILDING COMMITTEE

Appropriation	.	.	.	.	\$300 00
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## EXPENDED

Plans and survey	.	.	.	.	\$50 00
Printing	.	.	.	.	10 00
					<hr/>
					\$60 00
					<hr/>
Balance to 1917	.	.	.	.	\$240 00

## RIGHT OF WAY REIMBURSEMENT, MRS. BROWN

Appropriation	.	.	.	.	\$100 00
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## EXPENDED

Mrs. Brown	.	.	.	.	\$100 00
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## TOWN HOME REPAIRS

Appropriation	.	.	.	.	\$450 00
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## EXPENDED

H. R. Johnson, contract	.	.	.	.	\$447 50
Transferred to Excess and Defi-					
ciency Account	.	.	.	.	2 50
					<hr/>
					\$450 00

## SEWER ENGINEER, SERVICES

Appropriation	.	.	.	.	\$300 00
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## EXPENDED

F. A. Barbour, services	.	.	.	.	\$300 00
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## PARKER TAVERN

## EXPENDED

John Connelly	.	.	.	.	\$700 00
M. J. Dillon	.	.	.	.	2,800 00
					<hr/>
Balance to 1917	.	.	.	.	\$3,500 00

## PARKER TAVERN INCOME ACCOUNT

## RECEIVED

From rent	.	.	.	.	\$45 00
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## EXPENDED

Repairing pump . . . . .	2 27	
Transferred to Excess and Deficiency Account . . . . .	\$42 73	
		<hr/> \$45 00

## PREMIUMS

Received from loans . . . . .	\$129 24
Balance to 1917 . . . . .	\$129 24

## CERTIFICATION OF TAXES

## RECEIVED

From sundry parties . . . . .	\$8 00
Transferred to Excess and Deficiency Account . . . . .	\$8 00

## EXCESS AND DEFICIENCY ACCOUNT

Balance from 1915 . . . . .	\$5,426 14
Transferred from Corporation Tax . . . . .	1,091 10
Interest . . . . .	220 73
Certification of Taxes . . . . .	8 00
Licenses and Permits . . . . .	103 00
National Bank Tax . . . . .	339 79
Wellington Bridge . . . . .	169 73
Soldiers' Redemption . . . . .	158 62
Selectmen's Expenses . . . . .	1 49
Treasurer's Expenses . . . . .	35 24
Tax Collector's Salary . . . . .	11 28
Assessors' Expenses . . . . .	61 14
Town Clerk's Expenses . . . . .	6 28
Insurance . . . . .	209 48
Town Home Repairs . . . . .	2 50
Fire Department . . . . .	38 32
Forest Warden . . . . .	205 10
Tree Warden . . . . .	10 17
Inspector of Buildings' Expenses . . . . .	14 13
Health Department Maintenance . . . . .	210 87
Street Watering . . . . .	1 01
South Main Street Macadam . . . . .	10
Town of Norfolk . . . . .	3 62

Soldiers' Relief . . . . .	\$134 00
School Department . . . . .	11
Tuition . . . . .	12 54
Public Library . . . . .	198 71
Care of Common . . . . .	21 70
Mayall Park . . . . .	10
Cemetery . . . . .	14 12
Parker Tavern Income . . . . .	42 73
Sewer Dept., Office Expense and Engineer . . . . .	260 97
Woburn Street . . . . .	9 73
December Supplementary Assessment	1,323 34
Tax Collector's Expenses . . . . .	14 30
Moderator . . . . .	15 00
Election Expenses . . . . .	113 71
Miscellaneous Expenses . . . . .	3 00
Town Building . . . . .	58
Police Department . . . . .	149 21
Fire Alarm Repairs . . . . .	37 11
Sealer of Weights and Measures . . . . .	2 94
Contagious Diseases . . . . .	199 96
Snow and Ice . . . . .	436 28
Concrete Sidewalks . . . . .	7 91
Assessors' Expense . . . . .	1 34
Town Indebtedness . . . . .	\$4,700 00
Stone Crusher . . . . .	800 00
Town Home . . . . .	1,281 39
	<hr/>
	\$7,762 73
Unexpended (surplus) . . . . .	2,583 16
	<hr/>
	\$10,345 89 \$10,345 89

## LICENSES AND PERMITS

## RECEIVED

From sundry sources . . . . .	\$280 00
Transferred to Hook and Ladder Truck	\$177 00
Transferred to Excess and Deficiency Account . . . . .	103 00
	<hr/>
	\$280 00

## FIRE PREVENTION TAX

From tax levy . . . . .	\$118 71
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## EXPENDED

To Commonwealth of Massachusetts .	\$118 71
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## STREET RAILWAY TAX

## RECEIVED

From the Commonwealth of Mass. .	\$2,130 53
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From Bay Street Railway Company .	2,894 33
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	\$5,024 86
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## TRANSFERRED

To Highway Department . . . .	\$5,024 86
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## WELLINGTON BRIDGE REIMBURSEMENT

From the Commonwealth of Mass. .	\$169 73
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## TRANSFERRED

To Excess and Deficiency Account	169 73
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## SOLDIERS' EXEMPTION

## RECEIVED

From Commonwealth of Massachusetts	\$158 62
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## TRANSFERRED

To Excess and Deficiency Account	\$158 62
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## TAXES ON PROPERTY TAKEN

## RECEIVED

From H. M. Viall, Collector . . .	\$366 67
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Balance from 1915 . . . . .	\$457 97
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## EXPENDED

To H. M. Viall, Collector . . . .	289 09
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	\$747 06
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Balance to 1917 . . . . .	\$380 39
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	\$747 06
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## RESERVE FUND

Balance from 1915 . . . .	\$166 64
Appropriation . . . .	\$700 00

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 \$866 64

## TRANSFERRED

To Hook and Ladder and Fire Truck .	\$500 00
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Balance to 1917 . . . .	\$366 64
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## CEMETERY SPECIAL

## SALES OF LOTS AND GRAVES

Balance from 1915 . . . .	\$4,730 84
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## RECEIVED

From sales of lots and graves . .	910 00
From interest . . . .	196 41

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 \$5,837 25

## TRANSFERRED

To Cemetery macadam : . . . .	
Paths . . . . .	\$700 00
To Cemetery . . . . .	200 00
	<hr/>
Balance to 1917 . . . .	\$4,937 25

## CORPORATION TAXES

## RECEIVED

From Commonwealth of Massachusetts	\$9,680 99
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## TRANSFERRED

To general tax levy . . . .	\$8,600 00
To Excess and Deficiency Account	1,080 99
	<hr/>
	\$9,680 99

## NATIONAL BANK TAX

## RECEIVED

From Commonwealth of Massachusetts	\$806 95
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## EXPENDED

Commonwealth of Massachusetts . . . . .	\$457 05
Transferred to Excess and Deficiency Account . . . . .	349 90
	<hr/>
	\$806 95

## AGENCY AND TRUST TRANSACTIONS

## STATE TAX

From tax levy . . . . .	\$13,360 00
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## EXPENDED

The Commonwealth of Massachusetts . . . . .	\$13,360 00
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## COUNTY TAX

From tax levy . . . . .	\$8,621 76
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## EXPENDED

Middlesex County . . . . .	\$8,621 76
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## STATE HIGHWAY TAX

From tax levy . . . . .	\$1,965 00
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## EXPENDED

The Commonwealth of Massachusetts . . . . .	\$1,965 00
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## RESERVE FUND FROM SURPLUS OVERLAYS

## TRANSFERRED

From Overlay Account, 1912 . . . . .	\$528 86
From Overlay Account, 1913 . . . . .	1,956 50
Prom Overlay Account, 1914 . . . . .	1,087 81
	<hr/>
	\$3,573 17

## TRANSFERRED

To Fire Department . . . . .	\$900 00
To H. and L. Combination Truck . . . . .	323 00
To Grouard House Site . . . . .	2,025 00
	<hr/>
	3,248 00
	<hr/>
Balance to 1917 . . . . .	\$325 17

## PROTECTION TO PERSONS AND PROPERTY

## POLICE DEPARTMENT

Appropriation . . . . .	\$5,300 00
RECEIPTS	
From Court Fines . . . . .	117 00
	<hr/>
	\$5,417 00
Transferred from Excess and Deficiency Account . . . . .	185 25
	<hr/>
	\$5,602 25

## EXPENDED

Pay roll, Chief and permanent men . . . . .	\$4,798 50
Pay roll, special officers . . . . .	293 40
	<hr/>
	\$5,091 90
Auto hire . . . . .	60 50
Auto list . . . . .	13 00
Express and supplies . . . . .	54 70
Helmets and caps . . . . .	24 45
Printing . . . . .	4 25
Professional services, Dr. E. M. Haligan . . . . .	5 00
Signs (traffic) . . . . .	38 20
Telephone . . . . .	78 26
Laundering . . . . .	1 00
Repairing motorcycle :	
George W. Davis, repairs . . . . .	89 94
Hendee Manufacturing Co. . . . .	101 05
A. V. Mann, legal expenses . . . . .	40 00
	<hr/>
	\$5,602 25

## UNPAID BILLS

W. E. Swain, expenses . . . . .	\$9 55
Municipal Light, batteries . . . . .	1 30
N. E. Tel. & Tel. Co., telephone . . . . .	7 10
O. O. Ordway, supplies . . . . .	50
M. F. Charles, supplies . . . . .	3 05
W. E. & J. F. Twombly, printing . . . . .	5 90
D. K. Colgate, printing . . . . .	3 50
	<hr/>
	\$30 90



## FIRE DEPARTMENT

Appropriation . . . .	\$6,475 00
RECEIVED	
From sundry sources . . . .	24 73
TRANSFERRED	
From Surplus Overlay . . . .	900 00
	<hr/>
	\$7,399 73

## EXPENDED

## For salaries :

O. O. Ordway, Chief . . . .	\$200 00
W. R. Zwicker, Engineer and Clerk	150 00
Luke McKenney, Engineer . . .	83 32
Edward B. Eames, Engineer . .	41 68

## Permanent Firemen :

Hugh L. Eames . . . .	988 00
William F. O'Brien . . . .	919 00
Luke McKenney . . . .	264 00
William Vanhorn . . . .	264 00
John J. O'Brien . . . .	264 00

Call Men, Steward and Captain, including poll taxes . . . .	2,174 62
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\$5,348 62

L. T. Eames, Supt. Fire Alarm . . . .	99 97
Express . . . .	28 63
Fuel . . . .	50 47
General repairs . . . .	18 24
Gas for heating . . . .	18 30
Horse hire . . . .	617 50
Laundry . . . .	12 86
Labor on Fire Alarm, etc. . . .	227 14
Telephone and tolls . . . .	89 36
Oil and naphtha . . . .	116 84
Rubber boots . . . .	21 65
Water rates . . . .	11 75
Lunches . . . .	9 48
Freight on ladders . . . .	37 68

Chemicals . . . . .	\$44 54
Wire and supplies . . . . .	193 08
Repairs and equipments . . . . .	79 74
Supplies . . . . .	299 52

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\$7,325 37

Transferred to Excess and Defi- ciency Account . . . . .	74 36
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\$7,399 73

## UNPAID BILLS

G. F. McDonald, horse hire . . . . .	\$7 00
E. H. Chapin, supplies . . . . .	11 17
J. J. Cameron, supplies . . . . .	75
Malden & Melrose Gas Co., gas . . . . .	2 70
N. E. Tel. & Tel. Co., telephone . . . . .	4 67
Knox motor, supplies . . . . .	31
O. O. Ordway, supplies . . . . .	1 75
Standard Oil Co., naphtha . . . . .	17 00
Reading Water Works, water . . . . .	8 99
Fred Wallace, supplies . . . . .	2 21
Municipal Light Department, labor . . . . .	2 45

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\$59 00

## FIRE DEPARTMENT

## NEW HOSE

Balance from 1915 . . . . .	\$588 00	
Appropriation . . . . .		\$588 00
Appropriation . . . . .		\$500 00

## EXPENDED

For new hose . . . . .	\$500 00
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## FIRE ALARM REPAIRS

Appropriation . . . . .	\$350 00
Transferred from Excess and Defi- ciency Account . . . . .	37 11

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\$387 11

EXPENDED				
L. T. Eames, labor	.	.	.	\$14 60
Pay roll, labor	.	.	.	265 50
Wire and supplies	.	.	.	79 28
Horse hire	.	.	.	12 00
Supplies	.	.	.	15 73
				<hr/> \$387 11

## HOOK AND LADDER AND COMBINATION TRUCKS

RECEIVED				
From loan	.	.	.	\$8,000 00
TRANSFERRED				
From Reserve Fund	.	.	.	500 00
From surplus overlays	.	.	.	323 00
From licenses and permits	.	.	.	177 00
From West Street Water Extension	.	.	.	500 00
				<hr/> \$9,500 00

EXPENDED				
Robinson Fire Apparatus Co.	.	.	.	\$9,500 00

HYDRANT RENTALS				
Appropriation	.	.	.	\$5,940 00
EXPENDED				
Reading Water Works	.	.	.	\$5,940 00

MOTH DEPARTMENT				
Appropriation	.	.	.	\$3,199 81
RECEIVED				
From spraying	.	.	.	2,325 78
				<hr/> \$5,525 59

EXPENDED				
H. M. Donegan, Superintendent	.	.	.	\$1,000 00
Pay roll	.	.	.	3,634 66
Express	.	.	.	20 51
Filing saws	.	.	.	22 25
Commonwealth of Mass., supplies	.	.	.	457 42
Chemicals and oil	.	.	.	111 60

Envelopes . . . . .	\$42 00
Supplies . . . . .	58 31
Printing . . . . .	19 75
Storage of machines . . . . .	90 00
W. O. Mansfield, services . . . . .	25 00
H. M. Donegan, expenses . . . . .	8 30

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\$5,489 80

Balance from 1915 . . . . . 2,283 73

Balance made good by assessments  
outstanding and due from the  
Commonwealth of Mass. .

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\$2,247 94

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\$7,773 53    \$7,773 53

#### UNPAID BILLS

Cummings Express, express . . . . .	\$ 60
George O. Crosby, printing . . . . .	7 25
American Express Co., express . . . . .	1 44

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\$9 29

#### FOREST WARDEN

Appropriation . . . . . \$500 00

#### RECEIVED

From telephone tolls . . . . . 2 32

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\$502 32

#### EXPENDED

H. E. McIntire, Warden . . . . .	\$20 00
W. A. Newhouse, Deputy Warden . . . . .	15 00
W. A. Newhouse, Steward . . . . .	10 00
W. A. Bancroft, Deputy Warden . . . . .	15 00
George F. Blanchard, Deputy Warden . . . . .	15 00
J. N. Weston, Deputy Warden . . . . .	15 00
A. E. Batchelder, Deputy Warden . . . . .	15 00

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\$105 00

Wagons and storage . . . . .	45 00
Labor at fires . . . . .	88 50
Telephone and tolls . . . . .	19 49

Supplies . . . . .	\$35 50
Repairs . . . . .	1 98
Printing . . . . .	1 75

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 \$297 22

Transferred to Excess and Deficiency Account . . . .	205 10
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 \$502 32

## TREE WARDEN

Appropriation . . . . .	\$500 00
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## RECEIVED

From Malden & Melrose Gas Co. . . . .	50 00
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 \$550 00

## EXPENDED

Pay roll . . . . .	\$273 78
Moth Department, spraying . . . .	200 00
Trees . . . . .	40 00
Teams . . . . .	19 25
Repairs . . . . .	4 25
Supplies . . . . .	55
Printing . . . . .	2 00

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 \$539 83

Transferred to Excess and Deficiency Account . . . .	10 17
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 \$550 00

## INSPECTION

## INSPECTION OF WIRES

Appropriation . . . . .	\$100 00
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## EXPENDED

Arthur G. Sias, salary . . . . .	100 00
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## SEALER OF WEIGHTS AND MEASURES

Appropriation . . . . .	\$175 00
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## RECEIVED

From fees . . . . .	40 32
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Transferred from Excess and Deficiency Account . . . .	2 94
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 \$218 26

## EXPENDED

C. E. Mellen, salary, Dec. 31, 1915	.	\$33 33	
C. E. Mellen, salary, Dec. 31, 1916	.	100 00	
		<hr/>	\$133 33

## RENT OF OFFICE

Rent of office	.	.	.	.	.	\$60 00	
Carriage hire	.	.	.	.	.	5 00	
Incidentals	.	.	.	.	.	10 12	
Expenses	.	.	.	.	.	9 81	
						<hr/>	\$218 26

## INSPECTOR OF BUILDINGS' SALARY

Appropriation	.	.	.	.		\$300 00
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## EXPENDED

Robert E. Parker, salary	.	.	.		200 00	
					<hr/>	
Balance due to 1917	.	.	.		\$100 00	

## INSPECTOR OF BUILDINGS' EXPENSES

Appropriation	.	.	.	.		\$30 00
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## EXPENDED

Telephone	.	.	.	.	.	\$15 87	
Transferred to Excess and Deficiency Account	.	.	.		14 13		
					<hr/>		\$30 00

## HEALTH AND SANITATION

## HEALTH DEPARTMENT, SALARIES

Appropriation	.	.	.	.		\$250 00
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## EXPENDED

Geo. L. Flint, Secretary	.	.	.		\$100 00	
Dr. C. H. Playdon, salary	.	.	.		75 00	
Dr. E. M. Halligan, salary	.	.	.		75 00	
					<hr/>	\$250 00

## HEALTH DEPARTMENT MAINTENANCE

Appropriation	.	.	.	.		\$1,245 00
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## RECEIVED

From sundry sources	.	.	.	.		53 45	
					<hr/>		\$1,298 45



## EXPENDED

David Taggart, Inspector of Plumbing	\$600 00
J. Howard Eames, Inspector of Slaughtering . . . . .	100 00
C. H. Playdon, Inspector of Animals . . . . .	125 00

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 \$825 00

Rent . . . . .	100 08
Lighting . . . . .	9 35
Disinfectants . . . . .	42 72
Supplies . . . . .	11 36
Express . . . . .	1 81
Telephone . . . . .	25 11
Geo. L. Flint, expenses . . . . .	11 50
Printing . . . . .	28 65
Professional services . . . . .	5 00
Inspection of school children . . . . .	5 00
Ambulance . . . . .	22 00

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 \$1,087 58

Transferred to Excess and Deficiency Account . . . . .	210 87
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 \$1,298 45

## HEALTH DEPARTMENT, CONTAGIOUS DISEASES

Appropriation . . . . .	\$500 00
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## RECEIVED

From Town of Wakefield . . . . .	\$129 29
From Town of Newbury . . . . .	95 00
Transferred from Excess and Deficiency Account . . . . .	199 96

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 \$924 25

## EXPENDED

No. Reading Sanatorium, care and board	\$117 14
Town of Saugus, care and board . . . . .	32 86
Mass. Charitable Eye and Ear Infirmary, care and board . . . . .	27 15
Town of Brookline, care and board . . . . .	44 28
City of Boston, care and board . . . . .	138 57

Rutland Sanatorium, care and board . .	\$149 14	
City of Malden, care and board . . .	339 43	
Mass. General Hospital, care and board .	36 50	
City of Everett, care and board . . .	17 15	
Prescriptions . . . . .	1 33	
Supplies . . . . .	70	
Professional services . . . . .	20 00	
	<hr/>	\$924 25

## UNPAID BILLS

E. M. Halligan, inspection . . . . .	\$10 00	
N. E. Tel. & Tel. Co., telephone . . .	1 94	
Municipal Light, light . . . . .	1 90	
Mass. Homeopathic Hospital, board . .	96 15	
C. H. Playdon, inspection . . . . .	125 00	
National Express Co., express . . . .	1 05	
State Board of Charity, board . . . .	4 00	
	<hr/>	\$240 04

## SEWER DEPARTMENT ENGINEER AND OFFICE EXPENSES

Appropriation . . . . .	\$1,200 00
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## EXPENDED

F. A. Barbour, engineer, services . .	\$600 00
Office furniture . . . . .	39 00
Use of auto . . . . .	19 25
Office supplies . . . . .	17 53
Lighting . . . . .	2 25
Printing . . . . .	115 00
Plans . . . . .	101 00
Rent of post office box . . . . .	50
Telephone . . . . .	5 50
Rent . . . . .	39 00
	<hr/>

	\$939 03	
To Excess and Deficiency Account . .	260 97	
	<hr/>	\$1,200 00

## HIGHWAYS, BRIDGES AND SIDEWALKS

## HIGHWAY DEPARTMENT MAINTENANCE

Appropriation . . . . .	\$7,700 00
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## RECEIVED

From Street Railway Tax . . . .	\$5,024 86
From sundry sources . . . . .	9 80

## TRANSFERRED

From sundry sources . . . . .	524 95
	<hr/>
	\$13,259 61

## EXPENDED

E. H. Crowe, Superintendent . . .	\$693 00
W. C. H. Stevenson, Superintendent .	303 04
	<hr/>
	\$996 04
Pay roll, labor and teams . . . . .	8,158 63
Maintenance of auto . . . . .	434 98
Fuel . . . . .	66 53
Supplies . . . . .	483 35
Express and freight . . . . .	57 98
Liability insurance, 1915 . . . . .	272 51
Liability insurance, 1916 . . . . .	153 41 }
	57 85 }

(\$171.12 of the amount charged to Street Department in error, adjusted from Moth Department in 1917.)

Telephone . . . . .	23 76
Lumber . . . . .	34 37
Repairing tools . . . . .	62 49
Pipe and cement . . . . .	708 58
Gravel . . . . .	193 90
Office and supplies . . . . .	8 00
Tarvia and tar binder . . . . .	718 00
Drays . . . . .	23 24
Grates and gaskets . . . . .	134 96
Inspection of boiler . . . . .	5 00
Stone . . . . .	97 60
Plans . . . . .	31 90
Repairs on steam roller . . . . .	34 95
Labor . . . . .	10 32
Painting street signs . . . . .	124 50
Sidewalk patching . . . . .	45 00

Wall, Main Street . . . . .	\$125 00
Incidentals . . . . .	14 05

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\$13,076 90

Stone transferred from stone crusher	182 71
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\$13,259 61

## UNPAID BILLS

Wendell Bancroft & Co., supplies . . . . .	\$135 96
L. W. Dickinson & Co., signs . . . . .	2 00
Francis Brothers, repairs . . . . .	16 25
Fred Wallace, supplies . . . . .	2 02
Fred Smith, supplies . . . . .	4 05
W. E. Simon, inspection . . . . .	5 00
E. H. Chapin, supplies . . . . .	7 50
Reading Garage . . . . .	25 26
N. E. Tel. & Tel. Co., telephone . . . . .	3 22
H. R. Johnson, labor . . . . .	27 67
National Express, express . . . . .	66
	<hr/>
	\$229 59

## SNOW AND ICE ACCOUNT

Appropriation . . . . .	\$2,500 00
Transferred from Excess and Deficiency Account . . . . .	436 28
	<hr/>
	\$2,936 28

## EXPENDED

For outside ploughs . . . . .	\$450 81
Pay roll . . . . .	2,344 01
W. C. H. Stevenson, Superintendent . . . . .	69 32
Supplies . . . . .	25 69
Repairs . . . . .	26 20
Gravel . . . . .	7 20
Incidentals . . . . .	13 05
	<hr/>
	\$2,936 28

## STREET WATERING

Appropriation . . . . .	\$500 00
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## EXPENDED

Water, Reading Water Works . . .	\$150 00
Pay roll . . . . .	348 99

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 \$498 99

Transferred to Excess and Deficiency Account . . .	1 01
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 \$500 00

## OILING STREETS

Appropriation . . . . .	\$3,000 00
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## EXPENDED

Pay roll . . . . .	\$123 38
Alden, Spear & Co., oil . . .	544 95
New England Petroleum Co. . .	558 56
Indian Refining Co. . . . .	1,225 37
Standard Oil Co. . . . .	488 00
Repairs . . . . .	4 30
Freight . . . . .	17 00

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 \$2,961 56

Transferred to Highway . . .	38 44
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 \$3,000 00

## DRINKING FOUNTAINS

Appropriation . . . . .	\$150 00
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## EXPENDED

Reading Water Works, water . . .	\$150 00
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## NEW CONCRETE SIDEWALKS

Balance from 1915 . . . . .	\$96 95
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Appropriation . . . . .	1,000 00
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## RECEIVED

From Christian Science Church . . .	163 04
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 \$1,259 99

Transferred from Excess and Deficiency Account . . . . .	7 91
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 \$1,267 90

## EXPENDED

F. L. Mulroney, Contractor . . .	\$795 66
Thomas J. Hinds, Contractor . . .	260 10
Killorin Construction Co., Contractor .	212 14
	<hr/> \$1,267 90

## LOWELL STREET MACADAM, WILMINGTON DIVISION

Appropriation . . . . .	\$2,500 00
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## RECEIVED

From the Commonwealth of Mass. . .	2,058 35
Due from Middlesex County . . .	2,058 34
	<hr/> \$6,616 69

## EXPENDED

James E. Watkins, Contractor . . .	\$5,198 53
Standard Oil Co., oil . . . . .	841 50
Pay roll . . . . .	84 53
Supplies and lumber . . . . .	45 49
H. R. Johnson, labor . . . . .	42 01
	<hr/> 6,212 06
Balance to 1917 . . . . .	<hr/> \$404 63

## MAIN STREET, HAVEN TO WASHINGTON STREET

Appropriation . . . . .	\$1,600 00
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## EXPENDED

Pay roll . . . . .	\$355 14
Fuel . . . . .	25 92
Tarvia . . . . .	238 68
	<hr/> 619 74
Balance to 1917 . . . . .	<hr/> \$980 26

## WOBBURN STREET, BERKLEY STREET TO WEST

Appropriation . . . . .	\$700 00
Transfer stone from crusher . . .	130 03
	<hr/> \$830 03



EXPENDED						
Pay roll	.	.	.	.	.	\$557 50
Tarvia and stone	.	.	.	.	.	232 03
Fuel	.	.	.	.	.	30 77
						<hr/>
						\$820 30
Transferred to Excess and Deficiency Account						9 73
						<hr/>
						\$830 03

WOBURN STREET, RAILROAD CROSSING TO SUMMER AVE.

Appropriation	.	.	.	.	.	\$800 00
EXPENDED						
Pay roll	.	.	.	.	.	\$281 50
Stone	.	.	.	.	.	118 98
Tarvia	.	.	.	.	.	240 47
Freight	.	.	.	.	.	107 14
						<hr/>
						\$748 09
Transferred to Highways						51 91
						<hr/>
						\$800 00

HAVEN STREET, LINDEN TO HIGH STREET

Appropriation	.	.	.	.	.	\$800 00
EXPENDED						
Pay roll	.	.	.	.	.	\$342 02
Tarvia	.	.	.	.	.	327 50
Stone	.	.	.	.	.	130 48
						<hr/>
						\$800 00

ASH STREET

Appropriation	.	.	.	.	.	\$400 00
EXPENDED						
Pay roll	.	.	.	.	.	\$329 54
Tarvia	.	.	.	.	.	54 06
Fuel	.	.	.	.	.	14 36
						<hr/>
						\$397 96
Transferred to Excess and Deficiency Account						2 04
						<hr/>
						\$400 00

## SIDEWALK REPAIRS, WEST SIDE OF NORTH MAIN STREET

Appropriation . . . . .	\$400 00
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## EXPENDED

For pay roll . . . . .	\$399 77	
Transferred to Excess and Deficiency Account . . . . .	23	
	<hr/>	\$400 00

## SIDEWALK, LOWELL STREET

Appropriation . . . . .	\$600 00
Transferred from Stone Crusher . . . . .	98 42

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\$698 42

## EXPENDED

Pay roll . . . . .	\$558 00	
Gravel . . . . .	129 62	
Lumber . . . . .	10 80	
	<hr/>	\$698 42

## LOCUST STREET, SURFACE WATER

Appropriation . . . . .	\$600 00
-------------------------	----------

## EXPENDED

John Muse, contract . . . . .	\$152 00	
Pipe . . . . .	24 30	
Pay roll . . . . .	94 89	
Grates . . . . .	24 50	
Cement and lumber . . . . .	13 05	
Supplies . . . . .	34 31	
Freight . . . . .	25	
	<hr/>	343 30
		<hr/>
Balance to 1917 . . . . .	\$56 70	

## MINERAL STREET, SURFACE WATER

Appropriation . . . . .	\$500 00
-------------------------	----------

EXPENDED	
Pay roll . . . . .	\$73 78
Pipe . . . . .	356 99
Grates, etc. . . . .	33 50
Freight . . . . .	68
	<hr/>
	\$464 95
Transferred to Highway Department . . . . .	35 05
	<hr/>
	\$500 00
GRANOLITHIC SIDEWALK, SUMMER AVENUE	
Appropriation . . . . .	\$250 00
EXPENDED	
Solomon Davis, et als . . . . .	\$250 00
SIDEWALK, HILL CREST ROAD	
Appropriation . . . . .	\$150 00
EXPENDED	
Pay roll . . . . .	\$101 00
Transferred to Highway . . . . .	49 00
	<hr/>
	\$150 00
SIDEWALK, NORTH MAIN STREET	
Appropriation . . . . .	\$500 00
EXPENDED	
Pay roll . . . . .	\$431 31
Transferred to Highway . . . . .	68 79
	<hr/>
	\$500 00
WEST STREET, RESURFACING	
Appropriation . . . . .	\$2,400 00
EXPENDED	
Pay roll . . . . .	\$1,619 51
Superintendent, supervision . . . . .	62 77
Stone from crusher . . . . .	340 04
Supplies . . . . .	14 12
Stakes . . . . .	6 80
Gravel . . . . .	51 80
	<hr/>
	\$2,095 04
	<hr/>
	\$304 96

## NO. MAIN STREET, REPAIRS NEAR OLD SOUTH CHURCH

Appropriation . . . . .	\$300 00
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## EXPENDED

Pay roll . . . . .	\$298 63	
Transferred to Highway . . . . .	1 37	
	<hr/>	\$300 00

## WOODWARD AVENUE

Balance from 1915 . . . . .	\$58 50
Pay roll . . . . .	3 76
	<hr/>
Balance to 1917 . . . . .	\$54 74

## HILL CREST ROAD

Balance from 1916 . . . . .	\$80 25
Transferred to Highway . . . . .	\$80 25

## STREET LIGHTING

Appropriation . . . . .	\$5,000 00
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## EXPENDED

Municipal Light Department . . . . .	\$5,000 00
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## CEMETERY PATHS, MACADAM

Transferred from sales of lots and graves . . . . .	\$700 00
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## EXPENDED

Pay roll . . . . .	\$430 11	
Stone . . . . .	253 89	
Grate . . . . .	16 00	
	<hr/>	\$700 00

## STONE CRUSHER ACCOUNT, BROKEN STONE

Received from stone sold and used on various streets . . . . .	\$961 67
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## EXPENDED

## General Administration—Salaries:

Edgar O. Dewey, Chairman . . .	\$100 00
Edwin L. Hutchinson, Secretary . .	100 00
Otis B. Ruggles . . . . .	100 00

Total salaries . . . . .	\$300 00
Burials . . . . .	15 00
Boots and shoes . . . . .	22 65
Cash aid . . . . .	614 00
Clothing . . . . .	8 90
Fuel . . . . .	169 50
Groceries and provisions . . .	672 87
Nursing . . . . .	3 00
Professional services . . . .	255 00
Incidentals . . . . .	48 48

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\$2,109 35

## Cities and towns:

City of Woburn . . . . .	318 56
City of Everett . . . . .	12 10
City of Boston . . . . .	17 00
City of Brockton . . . . .	80 34
Town of Stoneham . . . . .	8 55

## Other Institutions:

State Board of Charity . . . .	183 50
Mt. Vernon Street Hospital . .	36 00

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\$2,765 40

Balance transferred to Town Home 1,135 70

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\$3,901 10

## UNPAID BILLS

Town of Stoneham . . . . .	\$120 00
E. W. Hancock, milk . . . . .	5 75
W. H. Willis, supplies . . . . .	65
G. H. Atkinson Co., groceries . .	50 89
Fred Wallace, groceries . . . .	19 71
Wendell Bancroft & Co., fuel . .	15 25
Edgerley & Bessom, burial . . .	24 00



F. F. Smith, groceries . . . .	\$22 50
G. H. Atkinson Co., groceries . .	16 03
P. N. Sweetser, fuel . . . .	42 75
State Board of Charity, board . .	46 00
Hall & MacFarland, boots . . .	15 01
	<hr/>
	\$378 54

## TOWN HOME

## RECEIVED

From board . . . . .	\$477 00
From sale stock and produce . .	626 10
Transferred from Poor Account .	1,135 70
Transferred from Excess and Deficiency Account . . . .	1,281 39
	<hr/>
	\$3,520 19

## EXPENDED

L. A. Deming, Superintendent . .	\$600 00
Mrs. Snow, services . . . .	80 00
Mrs. Piquette, services . . . .	152 00
Lillian Howe, services . . . .	49 00
	<hr/>
	\$881 00
Grain . . . . .	464 06
Provisions and groceries . . . .	752 80
Professional services and medicines .	199 13
Fuel . . . . .	146 50
Incidentals . . . . .	109 08
Clothing and dry goods . . . .	78 93
Supplies . . . . .	97 34
Repairs . . . . .	111 70
Lighting . . . . .	52 83
Water rates . . . . .	38 70
Telephone . . . . .	34 60
Boots and shoes . . . . .	28 30
Live stock . . . . .	174 00
Burials . . . . .	40 00
Fruit trees . . . . .	30 92
Standing grass . . . . .	170 00

Furniture . . . . .	\$43 80	
Mower . . . . .	45 00	
Pasturing . . . . .	21 50	
	<hr/>	\$3,520 19

## UNPAID BILLS

F. F. Smith, groceries . . . . .	\$3 83
Francis Bros. . . . .	45
Cobb, Bates & Yerxa Co., groceries . . . . .	38 98
W. H. Willis, supplies . . . . .	4 30
W. H. Glidden, supplies . . . . .	7 73
Dr. Geo. F. Dow, professional services . . . . .	2 00
O. L. Nichols, provisions . . . . .	34 51
Ourley Brothers, grain . . . . .	31 20
E. D. Richmond, professional services . . . . .	57 00
Wm. J. Brown, M. D., professional services . . . . .	35 00
Importers' Branch, coffee . . . . .	6 25
Charles Wakefield, fuel . . . . .	7 00
Municipal Light, light . . . . .	7 12
N. E. Tel. & Tel. Co., telephone . . . . .	7 12
Cummings Express, express . . . . .	25
Wendell Bancroft & Co., repairs . . . . .	25
F. Wallace, groceries . . . . .	35 53
P. N. Sweetser, fuel . . . . .	16 00
J. J. Cameron, repairs . . . . .	35
Reading Water Works, water . . . . .	14 28
Charles D. Wells, repairs . . . . .	10 88
J. B. Van Buskirk, supplies . . . . .	16 62
R. W. Totten, plumbing . . . . .	82 00
W. E. & J. F. Twombly, printing . . . . .	2 00
	<hr/>
	\$420 65

## MOTHERS WITH DEPENDENT CHILDREN

## CHAPTER 763, ACTS OF 1913

Appropriation . . . . .	\$1,500 00
	EXPENDED
Aid sundry persons . . . . .	1,246 74
	<hr/>
Balance to 1917 . . . . .	\$253 26

## COMMONWEALTH OF MASSACHUSETTS

Balance from 1915	.	.	.	.	\$1,317 95	
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## RECEIVED

From Commonwealth of Mass.	.	.	.	.		\$1,821 99
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Balance due from Commonwealth of Massachusetts	.	.	.	.		1,088 19
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## EXPENDED

Sundry persons, aid	.	.	.	.	1,592 23	
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					<u>\$2,910 18</u>	<u>\$2,910 18</u>
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## CITY OF SOMERVILLE

Received	.	.	.	.	.	\$300 34
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Balance from 1915	.	.	.	.	\$335 35	
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## EXPENDED

One case	.	.	.	.	.	285 89
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					<u>\$621 24</u>	
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Balance due	.	.	.	.	.	320 90
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						<u>\$621 24</u>
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## CITY OF SPRINGFIELD

Received	.	.	.	.	.	\$208 00
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Balance from 1915	.	.	.	.	\$32 00	
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## EXPENDED

One case	.	.	.	.	.	416 00
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					<u>\$448 00</u>	
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Balance due	.	.	.	.	.	240 00
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						<u>\$448 00</u>
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## TOWN OF WAKEFIELD

Balance from 1915	.	.	.	.	\$4 67	
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Received	.	.	.	.	.	\$4 67
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## CITY OF SALEM

Received	.	.	.	.	.	\$53 33
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## EXPENDED

For one case	.	.	.	.	.	\$286 64
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Balance due	.	.	.	.	.	233 31
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						<u>\$286 64</u>
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## TEMPORARY AID

## THE COMMONWEALTH OF MASSACHUSETTS

## RECEIVED

From the State . . . . .		\$355 16
Balance from 1915 . . . . .	\$513 73	

## EXPENDED

Sundry persons . . . . .	275 85	
	<hr/>	\$789 58

Due from the Commonwealth of Massachusetts . . . . .	434 42	
	<hr/>	\$789 58

## TOWN OF PROVINCETOWN

## EXPENDED

Aid . . . . .	\$54 00	
Balance due . . . . .	\$54 00	

## SOLDIERS' BENEFITS

## SOLDIERS' RELIEF

Appropriation . . . . .	\$750 00	
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## EXPENDED

Pay roll and aid . . . . .	\$616 00	
Balance to Excess and Deficiency Account . . . . .	134 00	
	<hr/>	\$750 00

## BURIAL OF SOLDIERS

Balance from 1915 . . . . .	\$194 00	
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## RECEIVED

From the Commonwealth of Mass. . . . .	\$200 00	
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## EXPENDED

Burial of one soldier . . . . .	50 00	
	<hr/>	\$244 00
Balance due from Commonwealth . . . . .	44 00	
	<hr/>	\$244 00

## STATE AID

Balance from 1915	.	.	.	.	\$1,934 00
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## RECEIVED

From the Commonwealth of Mass.	.				\$1,938 00
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## EXPENDED

Sundry persons, aid	.	.	.	.	1,789 50
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					\$3,723 50
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Balance due from Commonwealth					1,785 50
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					\$3,723 50
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## EDUCATION

## SCHOOL DEPARTMENT MAINTENANCE

Appropriation	.	.	.	.	\$48,150 00
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## RECEIVED

From Agricultural Account	.	.	.		476 28
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Tuition, North Reading	.	.	.		2,184 00
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Tuition, Middleton	.	.	.		24 00
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Tuition, Commonwealth of Mass.	.				368 00
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Rent of John Street Schoolhouse	.				36 00
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From telephones and sundries	.	.			27 75
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Refund overpayments	.	.	.		23 70
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					\$51,289 73
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## Salaries:

Teachers	.	.	.	.	\$35,584 81
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Janitors	.	.	.	.	3,663 00
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Truant Officer	.	.	.	.	102 00
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Physician	.	.	.	.	200 00
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Transportation	.	.	.	.	383 44
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Tuition	.	.	.	.	78 00
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Books	.	.	.	.	1,460 02
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Supplies for pupils	.	.	.	.	2,588 56
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Apparatus for teaching	.	.	.		193 96
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## General Expenses:

Printing and advertising	.				\$191 43
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Office supplies and stationery	.	.	.	.	22 29
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Telephones . . . . .	\$256 11	
School Committee, expenses	26 82	
Superintendent, expenses . . . . .	17 50	
	<hr/>	\$514 15
Fuel . . . . .		3,666 09
Building Maintenance:		
Lighting . . . . .	292 22	
Water . . . . .	315 94	
Removal of Ashes . . . . .	118 95	
Janitors' supplies . . . . .	500 45	
	<hr/>	\$1,227 56
Repairs:		
Buildings . . . . .	1,363 83	
Furniture . . . . .	155 37	
Grounds . . . . .	168 83	
	<hr/>	\$51,289 62
Transferred to Excess and Deficiency Account . . . . .	11	
	<hr/>	\$51,289 73

## UNPAID BILLS

American Book Co., books . . . . .	\$4 10
Edw. E. Babb & Co., books . . . . .	257 96
Milton, Bradley Co., supplies . . . . .	19 43
Oliver Ditson Co., music . . . . .	38
Ginn & Co., books . . . . .	119 08
J. L. Hammett Co., paper . . . . .	58 20
	<hr/>
	\$459 15

## AGRICULTURAL DEPARTMENT

Appropriation . . . . .	\$1,500 00
RECEIVED	
From Commonwealth . . . . .	729 17
From North Reading . . . . .	563 00
From Wakefield . . . . .	150 00
From Stoneham . . . . .	991 00
From Wilmington . . . . .	262 00
From Middleton . . . . .	36 00
	<hr/>
	\$4,231 17

## EXPENDED

Salaries . . . . .	\$3,015 00	
Books, apparatus and supplies . .	739 89	
Janitors, lights and fuel . . .	476 28	
	<hr/>	\$4,231 17

## TUITION, INDUSTRIAL SCHOOL

Appropriation . . . . .	\$350 00
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## RECEIVED

From City of Boston . . . . .	66 25
	<hr/>
	\$416 25

## EXPENDED

City of Somerville . . . . .	\$175 00
Town of Wakefield . . . . .	190 00
City of Boston . . . . .	12 71
Middlesex County . . . . .	26 00
	<hr/>
	\$403 71

Transferred to Excess and Defi- ciency Account . . . . .	12 54
	<hr/>
	\$416 25

## PAINTING HIGH SCHOOL BUILDING

Appropriation . . . . .	\$200 00
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## EXPENDED

H. D. Stokes, contract . . . . .	\$200 00
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## PAINTING UNION STREET SCHOOL BUILDING

Appropriation . . . . .	\$150 00
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## EXPENDED

H. D. Stokes, contract . . . . .	\$150 00
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## FIRE PROTECTION

Appropriation . . . . .	\$650 00
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## EXPENDED

L. T. Eames, labor . . . . .	\$12 84
E. J. Roundy, contract . . . . .	325 00
T. O. Fife, contract . . . . .	312 16
	<hr/>
	\$650 00



## TRANSPORTATION

Appropriation . . . . .	\$500 00
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## EXPENDED

Bay State Street Railway, tickets . . . . .	\$500 00
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## SCHOOL EXTENSION LOAN

## RECEIVED

From loan . . . . .	\$15,000 00
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## EXPENDED

Geo. L. Litchfield, land . . . . .	\$600 00
Geo. H. Sidebottom, Architect . . . . .	874 30
Adden & Parker, Architects . . . . .	100 00
Francis Bros., contract . . . . .	2,749 39
Stewart & Robinson, contract . . . . .	6,363 00
Louis Ellenwood, contract . . . . .	1,920 75
T. C. Fife, contract . . . . .	922 00
Hayward Bros. & Wakefield, furniture . . . . .	605 95
Clapp & Leach, wiring . . . . .	125 00
Hodson Bros., painting . . . . .	310 00
Orpin Bros., furniture . . . . .	70 00
Shades . . . . .	153 20
Supplies . . . . .	62 00

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 \$14,855 59

Balance to 1917 . . . . .	144 41
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 \$15,000 00

## GROUARD HOUSE SITE

## RECEIVED

From loan . . . . .	\$975 00
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## TRANSFERRED

From Reserve Fund, surplus overlays . . . . .	2,025 00
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 \$3,000 00

## EXPENDED

Edith J. Poor, land . . . . .	\$975 00
Henry R. Johnson, contract . . . . .	1,622 66
H. D. Stokes, painting . . . . .	128 70
J. Woodward Manning, grading . . . . .	273 64

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 \$3,000 00

## PUBLIC LIBRARY

Appropriation . . . . .	\$1,700 00
RECEIVED	
From Dog Tax . . . . .	622 08
From Fines . . . . .	105 00
	<hr/>
	\$2,427 08

EXPENDED	
Salaries:	
Bertha L. Brown . . . . .	\$400 00
Grace J. Abbott . . . . .	82 83
C. H. Stinchfield . . . . .	51 90

	<hr/>
	\$534 73
Janitor's services . . . . .	52 50
Fuel and heating . . . . .	140 73
Rent . . . . .	500 00
Books . . . . .	382 18
Periodicals . . . . .	77 40
Lighting . . . . .	41 48
Binding . . . . .	70 70
Express . . . . .	5 07
Supplies . . . . .	12 06
Printing . . . . .	44 75
Bertha L. Brown, expenses . . . . .	16 77

	<hr/>
	\$1,878 37
Transferred to Excess and Deficiency Account . . . . .	198 71
	<hr/>
	\$2,077 08
	<hr/>
Balance to 1917 . . . . .	\$350 00

UNPAID BILLS	
National Express Co., express . . . . .	36
Municipal Light Department, light . . . . .	3 52
Olapp & Leach, repairs . . . . .	1 10
	<hr/>
	\$4 98

## NEW PUBLIC LIBRARY BUILDING

RECEIVED	
From loans . . . . .	\$5,000 00
EXPENDED	
Geo. T. O'Brien, contract . . . . .	\$600 95
Geo. T. O'Brien, removing ledge . . . . .	286 79
C. E. Carter, survey . . . . .	3 95
	<hr/>
	\$891 69
Balance to 1917	<hr/>
	\$4,108 31

## RECREATION AND CELEBRATIONS

RENT OF PLAYGROUND	
Appropriation . . . . .	\$342 00
EXPENDED	
Mrs. Delia Sweetser . . . . .	\$342 00
CARE OF COMMON	
Appropriation . . . . .	\$100 00
EXPENDED	
Seeds . . . . .	\$11 25
Albert Green, services . . . . .	64 80
Repairs . . . . .	2 25
	<hr/>
	\$78 30
Transferred to Excess and Deficiency Account . . . . .	21 70
	<hr/>
	\$100 00
MEMORIAL DAY	
Appropriation . . . . .	\$225 00
EXPENDED	
Post 194, G. A. R. . . . .	\$225 00
BAND CONCERTS	
Appropriation . . . . .	\$200 00
EXPENDED	
Reading Brass Band . . . . .	\$100 00
Chapman's Band . . . . .	100 00
	<hr/>
	\$200 00

## JULY 4 CELEBRATION

Appropriation . . . . .		\$400 00
EXPENDED		
Marston & Wells, fireworks . . . .	\$350 00	
Lester K. Pratt, Treasurer . . . .	50 00	
	<hr/>	\$400 00
MAYALL PARK		
Appropriation . . . . .		\$300 00
EXPENDED		
Plans . . . . .	\$11 90	
P. N. Sweetser, contract . . . .	188 00	
J. Woodward Manning, labor . . . .	100 00	
	<hr/>	\$299 90
Balance to Excess and Deficiency		
Account . . . . .	10	
	<hr/>	\$300 00

## LAUREL HILL CEMETERY

Appropriation . . . . .		\$1,200 00
RECEIVED		
From interest for care of lots . . . .		883 75
From use of burial device . . . . .		10 00
Transferred from sale of Lots and		
Graves . . . . .		200 00
		<hr/>
		\$2,293 75
EXPENDED		
Pay roll . . . . .	\$1,851 50	
A. W. Danforth, Secretary . . . .	75 00	
A. W. Danforth, expenses . . . .	6 25	
Water vault for . . . . .	5 00	
Supplies . . . . .	29 20	
Repairs . . . . .	5 30	
Shrubs . . . . .	30 00	
Bouquets . . . . .	267 50	
Lumber . . . . .	7 88	
Survey . . . . .	2 00	
	<hr/>	\$2,279 63
Transferred to Excess and Defi-		
ciency Account . . . . .	14 12	
	<hr/>	\$2,293 75

## UNPAID BILLS

American Agricultural Chemical Co., dressing . . . . .	\$57 00
W. E. & J. F. Twombly, printing . . . . .	2 50
	<hr/>
	\$59 50

## RICHARDSON ESTATE LOT

## RECEIVED

From loan . . . . .	\$5,550 00
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## EXPENDED

E. H. Hall . . . . .	\$5,550 00
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## MUNICIPAL INDUSTRIES

## MUNICIPAL LIGHT DEPARTMENT AND WATER DEPARTMENT

(For details see respective reports)

## MUNICIPAL INDEBTEDNESS MATURING IN 1916

Appropriation . . . . .	\$15,000 00
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## TRANSFERRED

From Excess and Deficiency Account . . . . .	4,700 00
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## RECEIVED

From Water Department . . . . .	3,000 00
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\$22,700 00

## EXPENDED

Current expense bonds . . . . .	\$1,200 00
Water bonds . . . . .	13,000 00
Combination Truck . . . . .	1,500 00
Grouard Estate . . . . .	1,000 00
Lowell Street School Building . . . . .	1,000 00
High School Building . . . . .	5,000 00
	<hr/>
	\$22,700 00

## INTEREST ACCOUNT

Appropriation . . . . .	\$3,300 00
-------------------------	------------

## RECEIVED

Interest on taxes . . . .	\$2,428 26
Interest on deposits . . . .	452 57
Interest, other sources . . . .	32 09
	<hr/>
	\$6,212 92

## EXPENDED

Interest on Temporary Loans . .	\$3,392 00
Interest on School Loans . . . .	1,480 00
Interest on general loans . . . .	706 50
Interest on Cemetery Bequests . .	217 28
Interest on Cemetery Special . .	196 41
	<hr/>
	\$5,992 19
Transferred to Excess and Deficiency Account . . . .	220 73
	<hr/>
	\$6,212 92

## Dec. supplementary, additional property:

Personal property . . . .	\$57,655 00
Real estate . . . . .	5,225 00
	<hr/>
	\$62,880 00
Assessed at \$20.60 . . . .	\$1,295 34
Fourteen additional polls . . . .	28 00
	<hr/>
Amount credited to Excess and Deficiency Account . . . .	\$1,323 34

The valuations of estates in this Town for the years mentioned in the preceding table are the figures originally made by the Board of Assessors on April 1 of each respective year.

The valuations are subject to changes in each year by additional taxable property being found.

Net valuation of estates in the Town of Reading for the past three years, including all supplementary warrants and deducting all abatements:

YEAR	TOTAL VALUATION	ABATEMENT	NET VALUATION
1914	\$7,576,550 00	\$47,910 00	\$7,528,640 00
1915	7,999,523 00	47,960 00	7,951,563 00
1916	8,318,975 00	28,100 00	8,290,875 00
	<u>\$23,895,048 00</u>	<u>\$123,970 00</u>	<u>\$23,771,078 00</u>

### BORROWING CAPACITY

The average net valuation of the Town of  
Reading for 1914, 1915, 1916 . . . . \$7,923,693 00

The indebtedness of towns is limited by  
Chapter 719 of the Acts of 1913, Section  
12, to 3% of the average valuation for  
the preceding three years, the valuation  
being first reduced by the amount of all  
abatements thereon previous to the 31st  
day of December of each year:

Three per cent. is . . . . . \$237,710 00  
Total Town debt is . . . . \$343,225 00

Of this amount the following  
loans are not included in  
the debt limit, being ex-  
empt by Act of the Leg-  
islature:

Water loans . . \$147,000 00  
Elec. Light . . 111,700 00  
                                    258,700 00

Net municipal debt Dec. 31,  
1916 . . . . . \$84,525 00

Borrowing capacity Jan. 1,  
1917. . . . . \$153,185 00



## TAXES

The taxes committed, abated and collected during the fiscal year, together with the balance unpaid Dec. 31, 1915, and Dec. 31, 1916, are as follows:

TAXES, 1913			
Balance from 1915	.	\$1,392 95	
Collected	. . .		\$361 83
Abated	. . .		1,031 12
		<u>\$1,392 95</u>	<u>\$1,392 95</u>
TAXES, 1914			
Balance from 1915	.	\$11,921 92	
Collected	. . .	\$10,145 49	
Abated	. . .	473 71	
		<u>10,619 20</u>	\$1,302 72
TAXES, 1915			
Balance from 1915	.	\$55,623 19	
Refunded	. . .	47 05	
		<u>\$55,670 24</u>	
Collected	. . .	\$40,802 96	
Abated	. . .	435 88	
		<u>41,238 84</u>	\$14,431 40
TAXES, 1916			
Amount assessed	.	\$174,303 16	
December Supplementary	. . .	1,323 34	
Refunded	. . .	15 01	
		<u>\$175,641 51</u>	
Collected	. . .	\$121,395 95	
Abated	. . .	593 88	
		<u>121,989 83</u>	<u>\$53,651 68</u>
Total uncollected Taxes Dec. 31, 1916			\$69,385 80

## SPECIAL ASSESSMENTS

## MOTH, 1914

Balance from 1915 . . . . .	\$120 50	
Collected . . . . .	99 75	
	<hr/>	\$20 75

## MOTH, 1915

Balance from 1915 . . . . .	\$659 00	
Collected . . . . .	478 53	
	<hr/>	\$180 47

## MOTH, 1916

Committed . . . . .	\$1,265 25	
Collected . . . . .	748 25	
	<hr/>	\$517 00

Total uncollected Moth Assess- ments Dec. 31, 1916 . . . . .	\$718 22
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## OVERLAYS, 1912

Balance from 1915 . . . . .	\$528 86
Transferred to surplus overlay reserve fund . . . . .	\$528 86

## OVERLAYS, 1913

Balance from 1915 . . . . .		\$3,167 17	
Received, paid after abatement . . . . .		2 20	
		<u>          </u>	\$3,169 37
Transferred to surplus overlay . . . . .	\$1,956 50		
Abatements . . . . .	1,031 12	<u>          </u>	\$2,987 62
			<u>          </u>
Balance to 1917 . . . . .			\$181 75

## OVERLAYS, 1914

Balance from 1916	. . . . .	\$3,385 83
Transferred to surplus overlays	. . . . .	\$1,087 81
Abatements	. . . . .	473 71
		<hr/>
		\$1,561 52
Balance to 1917	. . . . .	\$1,824 31

## OVERLAYS, 1915

Balance from 1915	.	.	.	.	\$1,580 76
Abatements . . .	.	.	.	.	435 88
					<hr/>
Balance to 1917	.	.	.	.	\$1,144 88

## OVERLAYS, 1916

From Tax Levy . . .	.	.	.	.	\$1,917 88
Abatements . . .	.	.	.	.	593 88
					<hr/>
Balance to 1917	!	.	.	.	\$1,324 00

## ASSETS

## TRUST FUNDS AND INVESTMENTS

Cemetery Funds	
Wilmington Extension Bonds, Town of Reading, 4% . . .	\$10,000 00
Municipal Light Extension Notes, 4% . . . . .	3,500 00
Grouard Site Note . . . . .	975 00
Public Library Building . . . . .	3,000 00
Accrued Interest to December 31 . . . . .	247 50
Cash in Mechanics Savings Bank . . . . .	1,700 56
Library Fund Cash . . . . .	305 67
George F. Buck Trustee Fund Cash . . . . .	216 40
	<hr/>
	\$19,945 13

## CAPITAL ASSETS

Public Property . . . . .	\$931,651 44
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## ASSETS AND LIABILITIES FROM

## ASSETS

Cash held by the Treasurer . . . . .	\$7,647 06
Collector of Taxes, 1914 . . . . .	1,302 72
Collector of Taxes, 1915 . . . . .	14,431 40
Collector of Taxes, 1916 . . . . .	53,651 68
Collector, Moth Assessments, 1914 . . . . .	20 75
Collector, Moth Assessments, 1915 . . . . .	180 47
Collector, Moth Assessments, 1916 . . . . .	517 00
Sundry parties, Moth Account . . . . .	925 75
Taxes on property taken . . . . .	380 39
Water Department, insurance . . . . .	106 60
Moth Department . . . . .	2,247 94
Lowell Street Macadam . . . . .	1,653 71
Commonwealth of Massachusetts, Chap. 763, Acts 1913 . .	1,088 19
City of Somerville, Chap. 763, Acts 1913 . . . . .	320 90
City of Springfield, Chap. 763, Acts 1913 . . . . .	240 00
City of Salem, Chap. 763, Acts 1913 . . . . .	233 31
Commonwealth of Massachusetts, Temporary Aid . . . .	434 42
City of Boston, Temporary Aid . . . . .	19 55
Commonwealth of Massachusetts, Burial of Soldiers . .	44 00
Commonwealth of Massachusetts, State Aid . . . . .	1,785 50
Stone Crusher . . . . .	193 38
Town of Provincetown, Aid . . . . .	54 00
Parker Tavern . . . . .	3,500 00
Stone Crusher, Stone Account . . . . .	691 62
	<hr/>
	\$91,675 34

## LIABILITIES

## TRUST FUNDS

Cemetery Bequests . . . . .	\$19,423 06
Library Bequests . . . . .	305 67
George F. Buck Trustee Fund . . . . .	216 40

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\$19,945 13

## CAPITAL LIABILITIES

Town Debt . . . . .	\$343,225 00
Balance, Town of Reading . . . . .	588,426 44

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\$931,651 44

## APPROPRIATIONS DECEMBER 31, 1916

## LIABILITIES

Temporary Loans . . . . .	\$70,000 00
Excess and Deficiency Account . . . . .	2,583 16
Overlays, 1913 . . . . .	181 75
Overlays, 1914 . . . . .	1,824 31
Overlays, 1915 . . . . .	1,144 88
Overlays, 1916 . . . . .	1,324 00
Cemetery Special, sale of lots and graves . . . . .	4,937 25
Suspense Account (Moth Assessment unpaid) . . . . .	1,643 97
Reserve Fund . . . . .	366 64
Premiums . . . . .	129 24
Reserve Fund from Surplus Overlays . . . . .	325 17
Block System Survey . . . . .	184 04
Central Fire Station Alterations . . . . .	418 22
Electric Sign, "Reading" . . . . .	17 94
New Town Building Committee . . . . .	240 00
Inspector of Buildings' salary . . . . .	100 00
Main Street, Haven to Washington Street . . . . .	980 26
Locust Street . . . . .	58 83
West Street Resurfacing . . . . .	304 96
Woodward Avenue . . . . .	54 74
Mothers with Dependent Children . . . . .	253 26
Public Library . . . . .	350 00
School Property Extension Loan . . . . .	144 41
Reading Public Library Building . . . . .	4,108 31

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\$91,675 34

SCHEDULE OF REAL ESTATE AND PERSONAL  
PROPERTY OWNED BY TOWN OF READING  
DECEMBER 31, 1916

SCHOOLS

Buildings and land . . . . .	\$214,000 00	
Personal . . . . .	15,000 00	
	<hr/>	\$229,000 00

PARKS

Common . . . . .	\$10,000 00	
Band Stand . . . . .	500 00	
Mayall Park . . . . .	500 00	
Washington Park . . . . .	500 00	
	<hr/>	\$11,500 00

TOWN BUILDINGS

Town Building . . . . .	\$21,400 00	
Grouard Estate . . . . .	10,700 00	
Police (personal) . . . . .	311 50	
	<hr/>	\$32,411 50

FIRE DEPARTMENT

Fire Houses . . . . .	\$6,600 00	
Personal . . . . .	20,905 00	
	<hr/>	\$27,505 00

LIBRARIES

Personal . . . . .	\$3,500 00
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WATER DEPARTMENT

Buildings and land . . . . .	\$52,000 00	
Machinery and tools . . . . .	31,000 00	
	<hr/>	\$83,000 00

HIGHWAYS

Tool house . . . . .	\$500 00	
Personal . . . . .	3,502 10	
	<hr/>	\$4,002 10

POOR DEPARTMENT

Town Home . . . . .	\$9,500 00	
Personal (Town Home) . . . . .	2,589 60	
	<hr/>	\$12,089 60

## LAND

Land off Grove St., near golf links	\$200 00	
Land west of John Street . . .	50 00	
Land west of John Street . . .	50 00	
Land Ash Street, near railroad .	1,200 00	
	<hr/>	\$1,500 00

## CEMETERY

Land (estimated) . . . . .	\$25,000 00	
Tool house . . . . .	100 00	
Personal . . . . .	200 00	
	<hr/>	\$25,300 00

## MUNICIPAL LIGHT DEPARTMENT

Building and land . . . . .	\$18,600 00	
Personal . . . . .	142,300 00	
	<hr/>	\$160,900 00

Total value of real and personal property Dec. 31, 1916 .	<hr/>	\$590,718 20
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## EXEMPTED PROPERTY

The following is a schedule of property used for religious and other purposes and by law exempt from taxation, as reported by the Assessors December 31, 1916:

Baptist Society . . . . .	\$26,000 00
Congregational Society . . . . .	86,350 00
Old South M. E. Church . . . . .	43,000 00
Christian Union Society . . . . .	26,500 00
St. Agnes Roman Catholic Church . . . . .	48,600 00
Home for Aged Women . . . . .	5,800 00
Quannapowitt Agricultural Association . . . . .	13,800 00
Fathers' and Mothers' Club . . . . .	3,850 00
U. S. Government P. O. Department, land . . . . .	6,500 00
	<hr/>
	\$260,400 00



# H. M. VIALI, COLLECTOR,

DR.

Uncollected taxes, account 1913	.	.	.	\$1,408 45
Interest collected, account 1913	.	.	.	38 42
Uncollected taxes, account 1914	.	.	.	12,042 42
Interest collected, account 1914	.	.	.	1,036 93
Uncollected taxes, account 1915	.	.	.	56,282 19
Interest collected, account 1915	.	.	.	1,267 57
Committed list, account 1916	.	.	.	174,303 16
Moth tax, account 1916	.	.	.	1,264 25
Error Moth tax, account 1916	.	.	.	1 00
Excise tax, account 1916	.	.	.	2,894 33
Additional tax, account 1916	.	.	.	28 00
Supplementary tax, account 1916	.	.	.	1,295 34
Interest collected, account 1916	.	.	.	85 34
Received account redemption property	.	.	.	366 67
Received account certificates	.	.	.	8 00
Received account paid after abatement	.	.	.	2 20
				<hr/>
				\$252,324 27

# IN ACCOUNT WITH TOWN OF READING

CR.

Paid W. C. Mansfield, Treasurer, account 1913	\$400 25
Abatement, account 1913 . . . . .	1,046 62
Paid W. C. Mansfield, Treasurer, account 1914	11,282 17
Abatement, account 1914 . . . . .	473 71
Uncollected taxes, account 1914 . . . . .	1,323 47
Paid W. C. Mansfield, Treasurer, account 1915	42,549 06
Abatement, account 1915 . . . . .	388 83
Uncollected taxes, account 1915 . . . . .	14,611 87
Paid W. C. Mansfield, Treasurer, account 1916	125,123 87
Abatement, account 1916 . . . . .	578 87
Paid W. C. Mansfield, Treasurer, account re- demption . . . . .	366 67
Paid W. C. Mansfield, Treasurer, account certi- ficates . . . . .	8 00
Paid W. C. Mansfield, Treasurer, account paid after abatement . . . . .	2 20
Uncollected taxes, account 1916 . . . . .	54,168 68
	<hr/>
	\$252,324 27

Respectfully submitted,

HERBERT M. VIALI, Collector of Taxes.

Reading, Dec. 31, 1916.

Approved:

JOHN H. SHELDON, Town Accountant.

## ASSESSORS' REPORT, 1916

### Valuation of real estate :

Buildings, excluding land . . . . .	\$4,253,615 00
Land, excluding buildings . . . . .	2,429,355 00
Total real estate . . . . .	<u>\$6,682,970 00</u>
Personal estate, excluding resident bank stock	\$1,550,535 00
Resident bank stock . . . . .	22,590 00
Total personal estate . . . . .	<u>\$1,573,125 00</u>
Total real and personal estate assessed April 1, 1916 . . . . .	\$8,256,095 00
Building increase over 1915 . . . . .	\$146,235 00
Land increase over 1915 . . . . .	44,260 00
Personal estate over 1915 . . . . .	<u>160,102 00</u>
Total increase . . . . .	\$350,597 00
Tax on real estate . . . . .	\$137,668 45
Tax on personal estate . . . . .	32,406 71
Tax on polls . . . . .	4,228 00
Tax on real estate for moth work . . . . .	<u>1,264 25</u>
Total tax assessed April 1, 1916 . . . . .	\$175,567 41
Personal estate assessed Dec. 19, 1916 . . . . .	\$57,655 00
Real estate assessed Dec. 19, 1916 . . . . .	\$5,225 00
Polls, 14 at \$2 . . . . .	\$28 00
Tax assessed as supplementary on personal estate Dec. 19, 1916 . . . . .	\$1,187 70
Tax assessed as supplementary on real estate . . . . .	\$107 64
Street railway excise tax on 11.846 miles of track . . . . .	<u>\$2,894 33</u>

Total personal estate assessed in year 1916 . . .	\$1,630,780 00
Total real estate assessed in year 1916 . . .	6,688,195 00

Total real and personal estate, April and December assessments . . .	\$8,318,975 00
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State highway tax . . . . .	\$1,965 00
General State tax . . . . .	13,360 00
Metropolitan Fire District . . . . .	118 71
County tax . . . . .	8,621 76

Total, 1916 . . . . .	\$24,064 47
Total, 1915 . . . . .	23,540 74

Excess in 1916 . . . . .	\$523 73
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Balance used for Town purposes . . . . .	\$148,542 28
--	--------------

Rate of taxation, \$20.60 per \$1,000.

Number of persons assessed on property April 1, 1916 . . . . .	2053
Number of persons assessed a poll tax only . . . . .	1203
Additional assessed in December . . . . .	26
Additional polls . . . . .	14
Total-assessed on property 1916 . . . . .	2079
Total assessed on polls 1916 . . . . .	1217

Total number of separate assessments . . . . .	3296
--	------

Polls assessed in 1915 . . . . .	2052
Polls assessed in 1916 . . . . .	2128
Increase of polls in 1916 . . . . .	76
Number horses . . . . .	264
Number cows . . . . .	255
Number neat cattle . . . . .	76
Number swine . . . . .	94
Number of fowls . . . . .	14,425
Number of dwellings . . . . .	1798
Number of new dwellings . . . . .	49
Number of acres of land . . . . .	5755
Population in 1915 . . . . .	6805

## ASSESSORS' REPORT ON THE SURVEY OF LAND UNDER THE BLOCK SYSTEM

We have now completed 49 plans which contain 2260 separate lots. During the past year we have added three plans with a total of 405 lots.

The financial account is as follows :

Balance on hand from 1915	\$116 06
Raised and appropriated in 1916	500 00
	<hr/>
Making a total of	\$616 06

We have expended as follows :

Clarence E. Carter, plans and look- ing up records	\$432 02	
Indexing plans	49 80	
	<hr/>	
		\$481 82
		<hr/>
Balance on hand		\$134 24

This balance is nearly all expended by the Engineer but no bill is presented as he has no plan complete.

We recommend that the sum of \$500 be raised and appropriated to continue this work the coming year.

We invite anyone to inspect these plans, which we think are of great benefit to the Board of Assessors and others who make use of them.

MILLARD F. CHARLES

GEORGE E. HORROCKS

ARDINE M. ALLEN

Board of Assessors.

## REPORT OF SUPERINTENDENT OF STREETS

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READING, MASS., Jan. 1, 1916.

TO THE HONORABLE BOARD OF SELECTMEN:

GENTLEMEN—I submit the following report covering work done by the Highway Department during period of September 1 and December 31, 1916:

Arriving, as I did, with the best half of the construction season over and, in general, the appropriations nearly spent, we attempted to finish our work. The work accomplished could readily be sub-divided into four headings: Maintenance, New Construction, Sidewalks and Drainage.

Under maintenance, we have cleaned a greater portion of the catch-basins, flushed out several pipe lines where trouble seemed to be quite evident, taken care of leaves, and cleaned the mud in Reading Square several times. There were quite a number of catch-basins, mostly in the vicinity of Reading Square, which take a considerable volume of water and naturally filled with sediment quite quickly after cleaning. These required that we clean them about two or three times in this period.

Harnden Street and Salem Street we picked up, scarified, and put in shape from opposite Austin's Lunch to the end of tar macadam on Salem Street. This work was done the week prior to the fair. We then treated surface with hot tar and stone screenings.

The department also patched such macadam as we had money to do with, and will in all probability get us through the winter, but these roads need quite extensive patching in the spring.

In conjunction with the construction of Haven Street (Linden to High Streets) the old flagstones were removed from the intersection of Gould and Haven Streets and a tar

macadam approach built. The edgestones on Haven Street were reset and a catch-basin built at the corner of Haven and High Streets.

The street patrol was kept up through the Square and vicinity until the middle of November, when our money was depleted.

The water cart was sent out nearly every day dust was in evidence but was not wholly satisfactory, as on extremely dry days the water upon striking the dry dust, and especially when the road had been treated with non-asphaltic oil, rolled off in little globules to the gutters and raced the water cart down hill. On cloudy days the water formed puddles which stood for hours to be splashed through.

The department has built new construction on Woburn Street, from Berkeley to West Streets, Haven Street, from Linden to High Streets. Have temporarily surfaced Main Street, Ash to Washington Streets, and are now working on West Street, from Woburn Street to Oak Street, in conjunction with the County Commission and State Highway Commission.

A sidewalk has been completed on Lowell Street, a distance of 1,500 feet, and the guard rail moved back. Sidewalks are now under way on Avon Street and on the west side of South Main Street, near Stoneham line.

Tar concrete sidewalks were built under contract by F. A. Mulroney, of Stoneham, on Prescott Street and Woburn Street. The tar concrete sidewalks, built a year ago this fall by the Killorin Contracting Company, of Wakefield, were resurfaced by this concern, at their expense, on Middlesex Avenue, High Street, and Woburn Street.

A drain has been built on Mineral Street from Summer Avenue to the Reading Highlands bridge, a distance of 750 feet, and five catch-basins built. Three catch-basins have been installed on Locust Street, together with a pipe line and retaining wall near the right of way between property of Emery and Jeffrey. A catch-basin and pipe have been installed on North Main Street, near property of George



Putnam. Drainage, already begun, was completed on Dudley Street (corner High) and Prescott Street Extension.

Oil was applied to Woburn Street from railroad crossing to the Square, Village Street and Washington Street, about 5000 gallons being used of 45% asphaltic oil.

One new snowplow route was added, taking care of Salem Street, Woburn Street to depot, Reading Square and streets between Pleasant and Salem Streets. We now have fifteen snowplow routes. The rate has been increased for plowing from 50 cents per hour for single horse routes and 70 cents per hour for double team routes to a flat rate of 75 cents per hour for single or double.

A piece of water-bound macadam, together with drainage, was installed in Laurel Hill Cemetery for the Trustees of this cemetery by the department.

An electric sign, bearing the letters "READING," was erected on the Common. The posts were cast by the department of reinforced Portland cement concrete.

At the request of those interested in a municipal Christmas Tree, one was also procured and set by the department Christmas week.

#### RECOMMENDATIONS

I would suggest that the Town of Reading purchase the stone crusher now used by the Highway Department. I feel that the Town would benefit thereby, as I am aware of the fact that, in the neighborhood of perhaps thirty towns, having sections of road similar to West Street, were practically at a standstill as far as construction was concerned, owing to labor troubles at the quarries and delays in shipping this season. Reading was able to keep a moderate gang of workmen busy and consequently the men lost only about four or five days' work from August to December outside of holidays.

Let me also suggest that that portion of Summer Avenue, between Prescott Street and Mineral Street, be con-

structed of water-bound macadam, together with such drainage as is necessary, as the prospect of sewers in this street seems sometime hence. Meanwhile, the travelling public are in need of more comfortable travel.

This type of surface is easily renewed after sewer connections are completed and with some sort of bituminous treatment would hold exceptionally well under the wear of traffic and become a base if properly constructed and maintained for the later bituminous pavement.

That section of Prescott Street, from the end of the present tar macadam to Summer Avenue, should be constructed of tar macadam upon completion of sewer, if this street is to be one of the first sewer connections. If the sewer would not be contemplated till later, I think I should recommend putting in the bottom course and binding that.

High Street, from Vine to Middlesex Avenue, should be constructed of water bound macadam and drainage gone into extensively to do away with pipes in gutters which are a nuisance in time of storm and a menace to public safety. The practice of gutter pipes has been discontinued by the Department and another year I hope we will have very few in town. Nothing detracts beauty from a street so much as two or three gutter pipes in a short distance and in many cases on both sides of streets. (The street instead of being twenty or thirty feet in width is narrowed to about fifteen or eighteen feet where we might easily have twenty to thirty feet.)

I am of the opinion that in case of accidents the Town would be liable for damages, as these are obstructions in public ways not lighted.

High Street, from Middlesex Avenue to Lowell Street, should be either gravel or water bound macadam with tar treatment.

That an appropriation for resurfacing tar concrete sidewalks be made.

Vine Street and Charles Street could be constructed of gravel.

Lowell Street, from Middlesex Avenue to Square, of bituminous macadam, and sidewalk in front of new library site should be lowered considerably.

There are probably many other streets deserving of attention, but I am quite unacquainted with the public need as yet.

Respectfully submitted,

W. CLARE H. STEVENSON, Supt. of Streets.

## REPORT OF CHIEF OF POLICE

TO THE HONORABLE BOARD OF SELECTMEN OF READING:

GENTLEMEN—I herewith submit the report of the Police Department for the year ended December 31, 1916.

### ARRESTS FOR THE YEAR 1916

Total number of arrests . . . . .	103
Males . . . . .	93
Females . . . . .	10
Residents . . . . .	45
Non-residents . . . . .	58
American born . . . . .	72
Foreign born . . . . .	31
Adults . . . . .	73
Minors . . . . .	30

### CAUSES OF ARREST

Accosting . . . . .	1
Assault . . . . .	6
Bastardy . . . . .	1
Disturbance in public conveyance . . . . .	1
Drunkenness . . . . .	26
Escaped from institutions . . . . .	9
Evading care fare . . . . .	1
Having in possession revolver . . . . .	1
Insane . . . . .	2
Keeping and exposing liquor with intent to sell . . . . .	1
Larceny . . . . .	5
Non-support . . . . .	6
Participating in a bonfire . . . . .	3
Riding on sidewalk . . . . .	1
Runaway boys . . . . .	3

Setting fire to a building . . . . .	1
Taking auto without consent of owner . . . . .	2
Violating auto laws . . . . .	23
Violating light law on vehicles . . . . .	4
Violating traffic rules . . . . .	6

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## DISPOSITION OF CASES

Adjudged guilty and appealed . . . . .	1
Committed to Danvers Insane Hospital . . . . .	2
Committed to House of Correction . . . . .	5
Committed to Lyman School . . . . .	1
Committed to State Farm . . . . .	1
Continued . . . . .	1
Discharged . . . . .	7
Dismissed . . . . .	2
Fined . . . . .	28
Held for grand jury . . . . .	1
Ordered to pay for support of parents . . . . .	1
Placed on file . . . . .	14
Released . . . . .	9
Returned to parents . . . . .	2
Returned to Taunton Insane Hospital . . . . .	1
Sentenced to House of Correction (appealed) . . . . .	1
Sentenced to House of Correction (suspended) . . . . .	4
Sentenced to Mass. Reformatory (appealed) . . . . .	1
Turned over to out of town officers . . . . .	21

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## MISCELLANEOUS

Accidents reported . . . . .	15
Buildings found unsecured . . . . .	143
Cases investigated . . . . .	107
Defects in streets and sidewalks . . . . .	5
Disturbances quelled . . . . .	2
Dogs killed . . . . .	23
Horses found cast . . . . .	2
Lights reported out . . . . .	16

Raids made . . . . .	1
Vacant houses given special protection . . . . .	14
Automobiles, taken by joy riders, recovered . . . . .	5
Amount of property reported stolen . . . . .	\$196 00
Amount of property recovered . . . . .	50 00
Fines imposed . . . . .	137 00
Fines awarded state . . . . .	62 00
Fines collected from 1915 . . . . .	72 00
Fines due from 1916 . . . . .	33 00
Total fines received . . . . .	124 00

## LIST OF PROPERTY IN CUSTODY OF DEPARTMENT

Two roll top desks . . . . .	\$20 00
One table . . . . .	5 00
Five chairs . . . . .	6 00
Fourteen helmets . . . . .	35 00
Seven caps . . . . .	21 00
Thirty badges . . . . .	30 00
Six pairs handcuffs . . . . .	20 00
Eight belts . . . . .	15 00
Three pairs twisters . . . . .	3 00
Twelve clubs . . . . .	10 00
Two stop watches . . . . .	14 00
One dark lantern . . . . .	1 50
One watchman's clock . . . . .	5 00
Six lockers . . . . .	30 00
Four revolvers . . . . .	15 00
Four automatic pistols . . . . .	52 00
One shot gun . . . . .	10 00
Four holsters . . . . .	6 00
One auto trap . . . . .	14 00
Two telephone boxes . . . . .	30 00
One bulletin board . . . . .	6 00
One stretcher . . . . .	7 00
Seven street signs . . . . .	60 00
Six lanterns . . . . .	5 00

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 \$420 50

## ROSTER

## CHIEF

William E. Swain

## PATROLMEN

Jeremiah Oullinane	Oscar H. Lowe	George C. Stock
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## SPECIALS

Ardine M. Allen	William H. Killam
Willard A. Bancroft	William H. Manning
Samuel Brown	William C. McKinley
William C. Cram	William J. Murphy
Edward H. Crowe	Thomas M. Palmer
Timothy J. Cullinane	William Quillen
Clement Gleason	James W. Sias
Jesse N. Hutchinson	William F. Welch
* William H. Kidder	David J. Whelton

\* Deceased

## CONCLUSION

I wish at this time to thank the Honorable Board of Selectmen, the judges and officers of our district court and all others who have assisted in promoting the welfare of this department. It has been a great pleasure to have your Honorable Board keep in such close touch with this department and its work the past year.

Respectfully submitted,

WILLIAM E. SWAIN, Chief of Police.

Reading, Jan. 1, 1917.



## REPORT OF BOARD OF FIRE ENGINEERS

TO THE HONORABLE BOARD OF SELECTMEN :

GENTLEMEN—We herewith submit the annual report of the Board of Fire Engineers, giving the record of alarms that have been received during the year ending December 31, 1916, together with such information as we believe may be of interest to the Town.

### MANUAL FORCE

The Department consists of a Chief Engineer, two Assistant Engineers, five permanent men and twenty-five call men.

### APPARATUS

Combination A has been in service over three years and still continues to give the best of service. Ladder No. 1 has been in service about four months, Combination B has been in service about three months, and have proved very satisfactory.

### FINANCES

Our financial transactions are all embodied in the report of the Town Accountant, to which we refer you for any information in that line.

### CONCLUSION

In conclusion, we wish to extend to your Honorable Board and to the Town Accountant and Treasurer, and Finance Committee our thanks for the courtesies and co-operation we have received during the year. We wish to compliment the officials and members of the department on the prompt and efficient manner in which they have performed their duties. We also wish to express our thanks to the Bay State Street Railway Company for the use of current, to the Chief of Police for services rendered by his department at fires, and to the employes of the New England Telephone and Telegraph Company for the prompt and efficient service rendered in receiving alarms by telephone.

## RECORD OF ALARMS FOR YEAR ENDING DEC. 31, 1916

	Bell	Telephone
January . . . . .	7	5
February . . . . .	3	6
March . . . . .	5	2
April . . . . .	5	7
May . . . . .	3	7
June . . . . .	2	3
July . . . . .	3	13
August . . . . .	2	5
September . . . . .	1	2
October . . . . .	0	5
November . . . . .	3	7
December . . . . .	5	1
	—	—
Total Alarms . . . . .	102—39	63

Miles travelled . . . . .	317
Hours of duty . . . . .	108
Number feet of 2 1-2 inch hose laid . . . . .	24,250
Number feet ladders used . . . . .	944
Gallons of chemicals used . . . . .	690
Number feet chemical hose used . . . . .	1250
Covers spread . . . . .	8
Loss by fire . . . . .	\$56,231 00
Insurance paid . . . . .	\$39,243 50
Uninsured . . . . .	\$15,987 50

O. O. ORDWAY, Chief

W. R. ZWICKER, Sec'y, 1st Asst.

E. B. EAMES, 2d Asst.

Board of Fire Engineers.

## FIRE PREVENTION

During the past year the following permits have been issued :

Fire out of door permits . . . . .	369
Fireworks and firecracker permits . . . . .	2
Inflammable fluid permits . . . . .	25

There have been 158 inspections of buildings.

Fourteen complaints have been investigated.

O. O. ORDWAY, Chief.

## REPORT OF SUPERINTENDENT OF FIRE ALARM

TO THE BOARD OF FIRE ENGINEERS:

GENTLEMEN—I herewith submit the following report for the year 1916:

During the year the system has given efficient service at all times.

There still remains some of the old line which should be rebuilt at once.

A charging set for the fire alarm battery is very necessary as the power from the street railway company is not efficient.

No changes or additions in the fire-alarm boxes have been made.

During the year there have been 2,080 blows on the system, caused as follows:

Alarms . . . . .	1,253	
No school signal . . . . .	72	
Tests . . . . .	703	
	<hr/>	2,028
Contraction . . . . .	3	
Lightning . . . . .	43	
Linemen . . . . .	2	
Unknown . . . . .	4	
	<hr/>	52
		<hr/>
		2,080

## NUMBER AND LOCATION OF BOXES

--Test 11.45 A. M. and 5.45 P. M.

- 121—Main and Haven.
- 122—Haven and Gould.
- 13—Ash and Avon.
- 14—Hill Crest Road and Oak.
- 15—Summer Avenue and Walnut.
- 16—South Main and South.
- 17—Prescott, near Arlington.
- 18—Park Avenue and Minot.
- 19—Walnut and Curtis.
- 2—Recall.
- 21—Summer Avenue and Temple.
- 212—West and Howard.
- 22—No session of school, 7.40 A. M. and 12.30 P. M.
- 221—Union Street School. (Private.)
- 223—Center School. (Private.)
- 224—High School. (Private.)
- 225—Highland School. (Private.)
- 226—Lowell Street School. (Private.)
- 227—Prospect Street School. (Private.)
- 228—Chestnut Hill School. (Private.)
- 23—Woburn and Temple.
- 231—West, beyond Willow.
- 24—Mineral and Hancock.
- 25—Prospect, near King.
- 26—Hose 2 House, Woburn Street.
- 27—Summer Avenue, near Prescott.
- 28—West, beyond Oak.
- 29—West and King.
- 3—Followed by a box number, second alarm.
- 31—Lowell beyond Grove.
- 32—Franklin, near Golf Links.
- 33—Lowell, Grand and Gould Avenue.
- 34—Grove and Forest.
- 35—North Main and Locust.
- 36—North Main and Ridge Road.
- 37—North Main, near Hose 3 House.

- 38—North Main and Forest.
- 39—North Main and Franklin.
- 4—Police call.
- 41—Village and Green.
- 412—Car barns, Willow Road.
- 42—Haven and John.
- 43—Salem and John.
- 44—Salem and Pearl.
- 45—Salem and Belmont.
- 46—Charles and Pearl.
- 47—Charles and Haverhill.
- 48—Pine, near Salem.
- 51—Main, Washington and Ash.
- 55—Reading Rubber Mills. (Private.)
- 6—C. H. Bangs Co. (Private)
- 61—Lowell, near Sanborn.
- 612—Bancroft Avenue and Locust.
- 63—Woburn and Sanborn.
- 64—Central Fire Station.
- 65—Middlesex and Bancroft Avenues.
- 67—Middlesex Avenue and High.
- 69—Mt. Vernon, opposite Chute.
- 8—Out of Town.
- 10—Brush Fire Signal.

#### INSTRUCTIONS

TO GIVE AN ALARM: Open door of box, pull down the hook once and LET GO. Remain at the box to direct firemen.

TO GIVE AN ALARM BY TELEPHONE: Say to telephone operator, "Fire Department Emergency." Give fireman exact location of fire, street and street number, and name of person calling.

L. T. EAMES, Supt. of Fire Alarm.

## REPORT OF PLANNING BOARD

The Planning Board respectfully submit to the Town their first annual report covering the year ending December 31, 1916:

On March 15, 1915, the Town voted that a Town Planning Board, to consist of five citizens, be created as provided by Chapter 494 of the Acts of 1913, as amended by Chapter 283 of the Acts of 1914, and that provision for the same be included in the official ballot for the next and subsequent annual Town elections.

At the annual Town election, held March 6, 1916, the following citizens were elected to the Town Planning Board: James P. Carleton, Chester J. Wallace, Leone F. Quimby, Willard P. Adden and Raymond B. Temple.

On April 4, 1916, the Board met and organized as follows: James P. Carleton, Chairman, and Chester J. Wallace, Secretary.

On June 15, 1916, Mr. Willard P. Adden tendered his resignation as a member of the Planning Board of the Town of Reading, to take effect at once, and thereafter he served only in an advisory capacity as architect.

On November 24, 1916, the Planning Board, at a joint meeting with the Selectmen, duly appointed Mr. Clarence C. White to fill the vacancy of the unexpired term.

The duties of the Board fall naturally into two groups. One concerns public improvements. The other concerns developments on private property as affecting the public welfare, and especially concerns the present and retrospective conditions in and about rented dwellings.

The second group comes largely within the province of the Board of Health, and the Planning Board will undoubt-



edly arrange to conduct its investigations in that field as far as possible through that office.

Under the first group, the Board had a topographical survey made of the area bounded by Woburn, Sanborn and Lowell Streets as a basis for studying the future development in regard to placing the Library and Town Office Building on the Grouard or adjacent lots. The Board served with other citizens as a committee on Town Office Building and a report was made by that committee at the special meeting held May 22, 1916, and upon its recommendations the Town acted favorably. Since then several meetings have been held with the heads of the different departments to ascertain as far as possible their future needs, and also with the architects in regard to the arrangement and design of the Town Office Building. At the close of the year this subject is still under consideration.

The Board also served with the Selectmen as a committee to report on sidewalk construction. A careful study of the methods and cost of construction was made and a full report given at the special meeting held May 22, 1916. The Board unanimously recommended to the Selectmen that the Acts and Laws relating to the Town of Reading from the time of its incorporation to the present time, The Town By-Laws, The Town Building Laws, The Traffic Regulations, and the rules and regulations of the several departments be compiled and published for the use and convenience of the citizens. Other matters have been discussed by the Board and considered to some extent but no definite conclusion reached.

The Board wishes to call attention to the fact that most of its time and attention during the year was given by necessity, and instruction from the Town, to special town building work. We feel that our duties in this connection will soon be better handled by a special building committee, thereby leaving the Planning Board free to consider numerous other important matters. We earnestly hope that the Town will approve and adopt the recommendations as set forth in this report.

JAMES P. CARLETON  
LEONE F. QUIMBY  
RAYMOND B. TEMPLE  
CLARENCE C. WHITE  
CHESTER J. WALLACE

## REPORT OF SEWER COMMISSIONERS

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READING, MASS., Feb. 8, 1917.

TO THE CITIZENS OF READING:

Your Board of Sewer Commissioners submit the following report:

This Commission was created under the Acts of the Legislature of 1909, Chapter 314, and the Commissioners are proceeding under the authority of this Act. The Town has taken no action under Article 11, of this Chapter.

On Oct. 17, 1916, the Board submitted a special report embodying a report of the Engineer, Frank A. Barbour, C. E., whom the Board employed to devise a system of Sewers. On Oct. 23, 1916, at a special town meeting, the Town voted to accept the report as submitted by the Commission.

The Town further voted to authorize the Town Treasurer to issue Bonds or Notes to the amount of \$100,000 to provide for the payment for cost of first year's construction as recommended in the above mentioned report.

On Dec. 28, 1916, Sealed Bids or Proposals for furnishing and delivering Vitrified Salt Glazed Sewer Pipe, necessary for first year's construction, were opened and read in the presence of the bidders.

On Jan. 20, 1917, the contract was awarded P. N. Sweetser, and on Jan. 31, 1917, a contract for unloading and storing pipe was awarded to P. N. Sweetser.

The following is the financial report:

Appropriation . . . . . \$1,200 00

## EXPENDED

American Furniture Co., desk . . .	\$39 00	
Reading Garage, auto hire . . .	4 00	
Smith Bros.' Garage, auto hire . . .	12 75	
Fred A. Turner, rubber stamps . . .	2 50	
Postmaster, Reading, envelopes and P.		
O. box rent . . . . .	11 18	
W. K. Badger, auto hire . . . . .	2 50	
W. E. & J. F. Twombly, printing . . .	12 50	
W. E. & J. F. Twombly, printing reports	102 50	
Heliotype Co., maps . . . . .	101 00	
M. F. Charles, stationery . . . . .	4 95	
Municipal Light Board . . . . .	2 25	
Lyceum Hall Association, rent . . .	39 00	
N. E. Telephone & Telegraph Co. . .	5 50	
F. A. Barbour, engineering and report	600 00	
	<hr/>	
	\$939 63	
Unexpended . . . . .	260 37	
	<hr/>	
		\$1,200 00

O. R. HERRICK, Chairman

H. A. BANCROFT, Secretary

J. W. OWEN

## REPORT OF BUILDING INSPECTOR

READING, MASS., Jan. 27, 1917.

TO THE HONORABLE BOARD OF SELECTMEN:

GENTLEMEN—I respectfully submit herewith the annual report of the Inspector of Buildings for the year ending December 31, 1916.

Number of permits issued for the erection of new buildings . . . . .	44	
Estimated value of same . . . . .		\$136,779
Number of permits issued for the alteration of existing buildings . . . . .	9	
Estimated value of the same . . . . .		15,093
Total number of permits issued . . . . .	53	
Total value represented . . . . .		<u>\$151,872</u>

Of the permits for new construction, 35 are for single houses, 3 for double houses, and 6 for other buildings. 75% of the houses are estimated to cost less than \$4,000 and 25% \$4,000 or over.

A comparison of these figures with those of the year of 1915 show a slight increase in the total value of the new construction over that of last year. Considering the rapid rise in the cost of building materials, we believe that it represents progress if the construction compared with the previous year holds its own.

Very truly yours,

ROBERT E. PARKER, Inspector of Buildings.

## REPORT OF INSPECTOR OF WIRES

TO THE HONORABLE BOARD OF SELECTMEN :

GENTLEMEN—I respectfully submit herewith the annual report of the Inspector of Wires for the year ending December 31, 1916.

### INTERIOR WIRING FOR LIGHT, HEAT AND POWER

Number of buildings in process of construction which have been wired for light, heat and power . . .	41
Number of old buildings wired . . . . .	42
Number of buildings which have been re-wired, in which additional wiring has been installed . . .	91
Number of inspection notices received from electrical contractors and others . . . . .	136
Total number of inspections made . . . . .	255

Chapter 296, Acts of 1915, provides for the licensing by the State, of all persons who are qualified to install electric wires or apparatus for light, heat or power purposes, and citizens and property owners will find it to their advantage to employ only persons who have been legally authorized to do this work.

### OVERHEAD WIRES IN THE PUBLIC STREETS

Through the co-operation of the Municipal Light Board, Bay State Street Railway Company and The New England Telephone and Telegraph Company, joint pole lines have been erected on the following streets: Washington Street, between Main and Village Streets; Haven Street, between Main and High Streets; Minot Street the entire length; Middlesex Avenue the entire length; Summer Avenue, from Woburn Street to Main Street; and West Street from

Oak Street toward the Woburn line. The number of poles on these streets has been reduced by nearly 100, and much of the wire with defective insulation has been replaced with new. On some of the streets the feed wires of the Street Railway Company are practically bare and should be replaced with new wire. It is planned to continue the joint pole work during the coming year on a portion of West Street, on Main Street near the Square, and possibly some other streets which now have more than one line of poles, or where some of the poles are to be renewed.

Respectfully submitted,

ARTHUR G. SIAS, Inspector of Wires.

Reading, Mass., Jan. 15, 1917.

## REPORT OF CEMETERY TRUSTEES

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READING, MASS., Jan. 26, 1917.

TO THE HONORABLE BOARD OF SELECTMEN AND CITIZENS OF  
READING :

The Trustees submit the following report :

We have, with one accord, endeavored to do everything we could, with the appropriation allowed, to make the Cemetery a place of beauty of which we can all be proud.

We have also tried each year to make some one noticeable improvement—of which many are needed—and this year the avenue leading from the first gate on Main Street up to the Tomb has been regraded and macadamized. This has always been a bad place in the spring of the year when carriage wheels often became imbedded in the mud. New catch basins have been put in so that the water is properly carried away and all washing of the avenue in times of heavy rains is avoided.

We again appeal to all the citizens to put their lots in perpetual care. Any information in regard to that will be cheerfully given by the Superintendent.

We recommend twelve hundred dollars (\$1,200) for general maintenance the coming year. We really need more, but refrain from asking for it now realizing there are so many projects in view at the present time.

Very respectfully,

A. W. DANFORTH, Supt. and Sec'y,  
For the Trustees.



## REPORT OF FOREST WARDEN

READING, MASS., January 24, 1917.

TO THE HONORABLE BOARD OF SELECTMEN:

I submit the following report of the Forest Warden for the year ending December 31, 1916:

Number of permits issued for fires in the open, 281.

Number of calls from observation tower (all of which were investigated and reports sent back to tower) 31.

Number of calls for brush and grass fires answered (none of which were serious and the losses were very small) 18.

Before the opening of the gunning season, I posted all wood roads and paths with fire warnings furnished by the State and was very much pleased with the results, as this department did not have a call during that period.

I have investigated all fires and sent reports of the same to the State Forester.

I would suggest to the public, in case of a brush or grass fire when no buildings are in immediate danger, they call the Forest Deputy of their district.

### LIST OF FOREST DEPUTIES AND TELEPHONE NUMBERS

A. E. Batchelder, Franklin Street . . .	Tel. 567-M
George F. Blanchard, Forest Street . . .	Tel. 154-3
J. N. Weston, Locust Street . . .	Tel. 91-W
W. A. Bancroft, West Street . . .	Tel. 157-W
W. W. Newhouse, South Main Street . . .	Tel. 562-M

In conclusion, I wish to thank all who have assisted this department during the year, also the public in general for the interest they have shown and willingness to abide by the forest fire laws. It has made the duties of this office much easier than in years past.

Very respectfully,

H. E. McINTIRE, Forest Warden.

# REPORT OF SEALER OF WEIGHTS AND MEASURES

	Adjusted	Sealed	Condemned
Steelyards . . . . .	2	3	
Spring balances . . . . .	7	32	1
Counter scale . . . . .		42	1
Prescription scale . . . . .		3	
Computing hanging . . . . .		1	
Computing platform . . . . .		13	
Over 5,000 lbs. . . . .	1	5	
Under 5,000 lbs. . . . .	11	27	
Beams . . . . .		1	
Avoirdupois weights . . . . .		221	4
Metric weights . . . . .		13	
Troy weights . . . . .		4	7
Slot weighing scale . . . . .		4	
Oil measuring pump . . . . .	1	14	
Molasses pump . . . . .		2	
Liquid measures . . . . .		67	7
Dry measures . . . . .		8	
Glass graduates . . . . .		4	
Apothecary weights . . . . .		23	12
Yard measures . . . . .		11	
	—	—	—
	22	498	56

Milk jars tested, 559; condemned, 24.

Number of inspections made in stores . . . . .	20
Coal re-weighed in wagons . . . . .	4
Coke, bags . . . . .	8

Charcoal, bags	.	.	.	.	.	.	.	.	6
Coal in bags	.	.	.	.	.	.	.	.	24
Berry baskets	.	.	.	.	.	.	.	.	20
Ice wagons	.	.	.	.	.	.	.	.	6
Junk dealers	.	.	.	.	.	.	.	.	8
Complaints received and investigated	.	.	.	.	.	.	.	.	8
Fees received for sealing	.	.	.	.	.	.	.	.	\$40 32

Respectfully submitted,

C. E. MELLE,

Sealer Weights and Measures.

## REPORT OF INSPECTOR OF ANIMALS

READING, January 1, 1917.

TO THE HONORABLE BOARD OF SELECTMEN, TOWN OF READING:

I at this time wish to submit my report as Inspector of Animals for the year 1916.

Your Inspector, according to instructions, visited all places where neat cattle, sheep and swine were kept, during the early part of the year.

A report was made, founded upon the appearance at the time of visitation, both regarding health of stock, sanitary condition of premises, light, ventilation, water supply, drainage, cleanliness, disinfection, etc. Suggestions were made where needed and some places visited a second or third time before suggested improvements were carried out satisfactory to your Inspector.

Any suggestions made, I assure you, were not of an expensive nature, but lack of help and poor weather conditions caused the delay in most cases.

Stock of any kind which were found affected with a contagious disease were destroyed and premises properly disinfected.

Orders have recently been received from the Commissioner of Animal Industry of the State to pay particular attention to swine this year, for the State has undertaken one of the very important matters which relates to our food supply, namely: that of the pork industry.

When one stops to think that hog cholera costs the United States many millions of dollars annually, and it can practically be stamped out by care and immunization, Massachusetts has undertaken the problem in our state.

After trying the treatment on several hundred hogs, under all conditions, they have been successful in reducing the death rate from hog cholera to a minimum.

Farmers do not like to be told they have cholera, but will admit they have swine plague, pneumonia, swill poisoning, or anything else, but not cholera. They do know that almost all die when sick, so why not own up? It is no worse to lose by one disease than another.

I wish to thank the public for their hearty co-operation in all matters pertaining to my duties and the way suggestions have been carried out. While my suggestions or orders appear radical in some cases, I am simply performing my duty.

Several questions are asked which it is my duty to answer. If I find a stable unclean or filthy I must report it as such; if I find cattle dirty or unkempt I must answer as I find them, so if you want a clean slate to be returned to the State House do your share and I will do mine.

Yours very truly,

CALVERT H. PLAYDON, M. D. V.

Inspector of Animals.

## REPORT OF BOARD OF HEALTH

### TO THE CITIZENS:

Number of contagious diseases reported . . . . .	196		
Diphtheria . . . . .	20		
Scarlet Fever . . . . .	10		
Measles . . . . .	142		
Tuberculosis . . . . .	6		
Chicken Pox . . . . .	8		
Mumps . . . . .	8		
Infantile Paralysis . . . . .	2		
Whole number of deaths from all causes, exclusive of still births . . . . .	83		
Males . . . . .	39		
Females . . . . .	44		
Still births . . . . .	9		
		Male	Female
Number of deaths under 1 year . . . . .	1	2	
Number of deaths over 1 year and under 10 . . . . .	2		
Number of deaths over 10 years and under 45 . . . . .	7	8	
Number of deaths over 45 years and under 75 . . . . .	20	19	
Number of deaths over 75 years and under 85 . . . . .	6	12	
Number of deaths over 85 years and under 90 . . . . .	3	1	
Number of deaths over 90 years . . . . .	—	2	
	39	44	

E. M. HALLIGAN, M. D.

GEO. L. FLINT

C. H. PLAYDON

Board of Health.

## REPORT OF INSPECTOR OF PLUMBING

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TO THE HONORABLE BOARD OF HEALTH:

GENTLEMEN—The work of the Plumbing Department for the year 1916 was as follows:

Applications filed	.	.	.	.	.	.	.	.	88
Fixtures set	.	.	.	.	.	.	.	.	346
Bath tubs	.	.	.	.	.	.	.	.	56
Olosets	.	.	.	.	.	.	.	.	84
Lavatories	.	.	.	.	.	.	.	.	67
Sinks	.	.	.	.	.	.	.	.	76
Wash trays	.	.	.	.	.	.	.	.	63

Respectfully yours,

DAVID TAGGART, Inspector of Plumbing.



## REPORT OF INSPECTOR OF MILK

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TO THE BOARD OF HEALTH:

GENTLEMEN—The milk inspection of the Town of Reading for this year, the first one, has been conducted along lines that would tend to produce a clean and pure milk.

The twenty-four dairies producing milk in the town were visited and scored. The average score was approximately 60 out of a possible 100%. This scoring was for the sanitary conditions of cows and barns, and also for the methods of handling the milk.

A permit to produce milk was granted to those who produced and handled their milk in a sanitary manner.

Sixty samples of milk were analyzed for fats and solids and showed a steady increase from May, 1916, to the present month.

The number of licenses issued were twenty-nine—twenty for milk and nine for oleomargarine, making a total return to the town of \$14.50.

CARL M. SMITH, Inspector of Milk.

## REPORT OF PLAYGROUND COMMISSION

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READING, MASSACHUSETTS, February 13, 1917.

TO THE HONORABLE BOARD OF SELECTMEN, READING, MASS. .

GENTLEMEN—The Playground Commission appointed by you on the seventh day of April, 1916, met and organized soon after its appointment. The Rev. Harry E. Hurd was elected Chairman and Stanley Stenbridge was made Secretary. Charles Stinchfield, Carl Sawyer and Harold Parker constituted the other members of the Commission. It was the purpose of each member to make the 1916 board just as vital a factor in the community recreational life as their power would permit. A meeting was at once called, to which all base ball managers interested in the community base ball park were invited. After due consideration of the claims of each manager it was voted to give the town team the majority of dates, dividing the remaining dates among minor teams. This proved to be a happy arrangement.

An educational campaign was launched. Playgrounds in other cities were investigated, much literature was gathered, a correspondence carried on with both recreational societies of New York City and through pulpit and press the facts were popularized until many of our good town-folk made inquiries.

The dreams of the Playground Commission suddenly became fact through the donors of our new Memorial Park: Mrs. Joseph Temple, Mrs. Alden Batchelder, Mrs. H. S. Crocker, Miss Clara Pierce and Miss May L. Temple. This tract consists of land fronting on Salem, Charles and Harrison Streets, having unlimited possibilities for development along landscape and recreational lines. This is the Town's first public park. As everybody anticipated, the Town ac-

cepted this magnificent gift, together with a gift of \$1,500 for improvements, with hearty appreciation and thanks. The influence of this gift will spread through centuries.

Mothers' hearts have been lightened and the hearts of their youngsters gladdened by the Summer Avenue and Grove Street skating parks, made possible through the generosity of many public-spirited citizens. Old and young have crowded these rinks.

The loyal support of the Board of Selectmen, the space allotted to us by THE READING CHRONICLE and the gifts of many child-lovers have been most encouraging. We commend the action of the Town in voting to have a Playground and Park Commission. We have been unable to do more than work and stir up interest, through lack of any real authority and through lack of any financial support. We believe that one lad, with the seat of his trousers worn, is worth more than all other departments of our Town put together, just because he is a growing soul, capable in manhood of serving his Town with brain and brawn and heart. We wish the "REAL COMMISSIONERS" a bon voyage.

Respectfully submitted,

HARRY ELMORE HURD, Chairman.

## REPORT OF PUBLIC LIBRARY

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The Trustees of the Public Library submit the following report:

### ORGANIZATION OF THE BOARD

The Trustees organized at the beginning of the year, by the choice of Mr. Wadlin as Chairman and of Mr. Mansfield as Secretary.

### EXPENSES OF THE LIBRARY

The receipts for the year were:

Appropriation, direct tax . . .	\$1,700 00
Proceeds of dog tax . . .	622 08
Receipts from fines, sales, etc., appropriated . . .	105 00
	<hr/>
	\$2,427 08

### EXPENDED

Salaries (librarian, assistant, caretaker)	\$534 73
Books . . . . .	382 18
Periodicals . . . . .	77 40
Binding . . . . .	70 70
Fuel and care of heater . . .	193 23
Lighting . . . . .	41 48
Printing . . . . .	44 75
Rent . . . . .	500 00
Minor supplies and expenses . .	33 90
	<hr/>
	\$1,878 37
Balance unexpended* . . . .	548 71
	<hr/>
	\$2,427 08

\*Rent charges amounting to \$100 were unpaid at date of closing the account, reducing this unexpended balance to \$448.71.

## ADDITIONS TO THE LIBRARY

At the close of 1915 the library contained 9,122 volumes. During the year 301 volumes have been added by purchase (including 62 bought to replace books worn out), and 58 received by gift. The number worn out and not yet replaced is 117; therefore, the number at the close of the year was 9364.

Anticipating early removal to the new building, we have restricted purchases somewhat, and this in part accounts for the unexpended balance reported at the close of the year.

## USE OF THE LIBRARY

The circulation for the year (books taken out for home use) was 26,423, as against 25,668 in 1914. The largest number circulated in any single month was 3,049, in March, and the smallest number, 1,741, in October. The number of new borrowers registered was 405. The librarian reports:

"The Woman's Educational Association lent the library in March an interesting set of pictures of Belgium, and in November pictures of parrots, which were enjoyed by the children. The Massachusetts Agricultural College also lent for six weeks a set of ten books on home economics for the use of a correspondence class studying that subject under the direction of the college.

"During the winter each pupil in the English classes of the Junior High School was required to take out a library book which resulted in an increased use of the library by the young people. In anticipation of similar use in the coming year, duplicates of some of the books most in demand have been purchased.

"The second season of the story-hour, on Saturday mornings in January, February and March, was a great success and thanks are due to the Committee of the Woman's Club, which had it in charge."

## THE NEW BUILDING

After many delays, due to a change in the site at first selected and to other unavoidable causes, the Trustees were

able in June to secure proposals for the erection of the new building under the terms of the gift from the Carnegie Corporation.

Owing to the advance in prices of materials and labor since this project was first considered some modification of the plans was required not, however, affecting the general character of the proposed building or its capacity. At length it was made possible to complete the structure, including architects' fees and indispensable furniture, within the sum of \$20,000; of which the Carnegie gift of \$15,000 forms the major part, supplemented by the \$5,000 which had been appropriated by the town. This division of expense having been consented to by the Carnegie Corporation, contracts were made with the lowest bidders, i. e. George T. O'Brien, general contract, \$16,141, and T. A. Ridder & Co., heating and ventilating, \$1,492, the remainder of the money being required for furniture, architects' fees, etc., bringing the total cost as above stated to the \$20,000 as agreed upon.

The work upon the building was begun as soon as the contracts were signed, and has since proceeded as fast as the weather has permitted. It is expected that the building will be ready for occupancy early in the coming summer.

#### ESTIMATES FOR 1917

The Trustees have submitted to the Town Accountant the following schedule of estimated requirements for the library during the ensuing year:

ESTIMATES FOR 1917	
For rent . . . . .	\$675
Salaries . . . . .	725
Heat and light . . . . .	250
Books and periodicals . . . . .	500
Minor expenses (including book binding) . . . . .	250
Moving library to new building . . . . .	200
Incidental expenses due to removal . . . . .	250
Total . . . . .	<u>\$2,850</u>

To be provided as follows:

Appropriation of dog tax and other					
receipts	.	.	.	.	\$700
From tax levy	.	.	.	.	\$2,150
					<hr/>
					\$2,850

#### CONCLUSION

We record our thanks to the librarian, Miss Bertha L. Brown, for her continued faithful and efficient service; and join with her in thanking the Committee of the Woman's Club for their interest in the work of the story-hour for children. We also thank those who have given books to the library during the year.

The terms of Mr. Bosson and Mr. Carter expire at the close of the year covered by this report.

Respectfully submitted,

HORACE G. WADLIN, Chairman

ARTHUR N. MANSFIELD, Secretary

FRANK C. CARTER

HARRY P. BOSSON

CHARLES F. DOUGHTY

RALPH S. KENEELY

Trustees.





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Twenty-second Annual Report

OF THE

# Electric Light Commissioners

For the Year Ending December 31

1916

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OFFICERS OF THE ELECTRIC LIGHT AND POWER  
DEPARTMENT

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Commissioners

CARL M. SPENCER, Chairman	.	Term expires 1917
GEORGE L. FLINT, Secretary	.	Term expires 1918
FRANK E. CRAFTS	. . .	Term expires 1919

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Manager

ARTHUR G. SIAS

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Office

179 MAIN STREET, Y. M. C. A. BUILDING

## REPORT OF ELECTRIC LIGHT AND POWER DEPARTMENT

### TO THE CITIZENS OF READING:

The Municipal Light Board of the Town of Reading herewith submit their annual report, together with the report of the Manager, with summaries of accounts and statistics.

### OPERATIONS FOR THE YEAR

The operating results for 1916 are very fully set forth in the Manager's report. The year has been marked by an unusually large gain in earnings, although this gain has been nearly offset by rapidly advancing prices of materials used in manufacture and service. The wages of all employees of the Department have been increased in recognition of economic conditions now existing, but we believe this action of the Board will receive the cordial support of the citizens generally.

The renewal of pole lines in Reading, to which special attention has been paid for the last two or three years, has resulted in a substantial gain in the physical condition of this division of the plant.

### THE OUTLOOK

In connection with the Manager's budget, we wish to call attention to the difficulty of making a reasonably accurate forecast of expenses for the coming year. The price of coal is the chief element of uncertainty. The bulk of our supply during 1916 was purchased under a yearly contract at the low price of \$3.50 per ton, f. o. b. Mystic. From present indications there will be an advance of at least 100% in the price paid during the coming year. Prices of other supplies and materials are very high, with a tendency to still further

increase. Under the circumstances, it will be necessary to practice the utmost economy, not only in the field of operations, but also with reference to all items of new construction.

#### THE FUTURE OF THE PLANT

In our opinion, the present station equipment is adequate for at least a year. We believe, however, that it is not too soon for the Town to consider the important question as to whether, as business grows, additional generating capacity is to be provided at the station, or current purchased from an outside source. Many questions arise in the operation of the plant during the year in which the matter of future policy is involved. We, therefore, recommend that this subject be referred, either to the Finance Committee, or to a Special Committee to be appointed as the Town may direct, for thorough investigation. To indicate the scope of the proposed inquiry, we feel that the Committee should pass upon the advisability of any of the following plans:

To continue the generating station, adding new equipment as needed.

To purchase current, discontinuing generating station.

To continue present station, purchasing current by auxiliary service when required.

To sell that portion of the plant located in any or all of the outside towns.

To sell the entire plant.

The Committee should have authority to employ the services of expert engineers, if desirable, and the Municipal Light Board stands ready to co-operate to the fullest extent in the examination of every phase of the subject.

CARL M. SPENCER

GEORGE L. FLINT

FRANK E. CRAFTS

Municipal Light Board.

## MANAGER'S REPORT

TO THE MUNICIPAL LIGHT BOARD, READING, MASS.:

GENTLEMEN—I respectfully submit my report showing the results of the operation of the Electric Light and Power Department for the year ending Dec. 31, 1916.

We have generated during the year 1,231,677 kilowatt hours, which is an increase of 25.6% over the previous year. The number of kilowatt hours sold and accounted for was 936,461, which is 30.9% increase over the 1915 figures; and the percentage of kilowatt hours unaccounted for has been reduced by about 3%. A large proportion of the increase has been on account of increased power load.

The earnings from sale of current have been \$10,296.69 more and operating expense \$8,210.87 more than last year.

The Profit and Loss Deficit has been decreased \$5,945.44.

The total operating cost per K. W. H. is slightly less than in 1915.

Repair of Real Estate, Repair of Steam Plant, Renewal of Lines, and Stable and Auto Expenses have exceeded the estimates at the beginning of the year. The Railroad Company notified us early in the spring that both our trestle and Mr. Sweetser's required repairs, and indicated what changes were required. When the workmen began to remove some of the defective timbers we found that practically the whole of our trestle above the supports should be renewed. As we expected to make only minor repairs, no provision was made in the budget for the additional expense, which amounted to about \$1,000. The increase in Repair of Steam Plant account was partly on account of changes and repairs in connection with the new boiler. In the Renewal of Lines account the estimate has been exceeded \$1,094.60, due principally to the increased cost of labor and materials over

the cost of the preceding year. Labor costs have increased about ten per cent., and materials from fifteen to fifty per cent., weatherproof copper line wire at the present time costing about twice the usual price. In fact, about every article which we use, with the exception of incandescent lamps, has materially increased in cost.

During the year new joint pole lines, which replace several individual pole lines, have been built with the co-operation of the Bay State Street Railway Company and the New England Telephone and Telegraph Company on the following streets: Haven Street, from Main Street to High Street; Washington Street, from Main Street to Village Street; Minot Street and Middlesex Avenue the entire length; Summer Avenue, from Woburn Street to Main Street; and West Street, from Oak Street to the residence of W. A. Bancroft. With the exception of the Summer Avenue line the pole work on the above streets was done by the Street Railway and Telephone Companies, and, while the initial expense of joint reconstruction work was probably more than the expense of replacing our old pole line would have been, the new construction is much safer and makes a better appearance on the street.

We have reduced the inventory value of the Stable Account \$304 and charged it to Operating Expense.

The large auto truck which we put into service about the middle of the year was somewhat in the nature of an experiment, so far as operating expenses were concerned. While the total expense for this year has exceeded the estimate by \$475.35, I believe that we can safely depend upon automobiles entirely in place of teams, as the time saved should offset the additional operating expense. I therefore recommend the sale of the remaining horse and all stable equipment, and the purchase of a Ford truck, which can be used for connecting services as well as patrol of street light circuits.

The following additions to the connected load have been made during the year: Lynnfield—26 street lights and 18 commercial customers; North Reading—10 street lights and



13 commercial customers; Wilmington—8 street lights and 46 commercial customers; and Reading—28 street lights and 129 commercial customers. In addition to the above we have substituted twenty-three 600 candle power new type Mazda street lamps with ornamental fixtures, in and near Reading Square, in place of the 250 candle power lamps with the ordinary brackets and reflectors. The increased illumination and better appearance of the new fixtures has evidently met with the approval of the citizens and public generally.

There have also been sold from our appliance room the following electric appliances: 143 flat irons, 26 ranges, 14 radiators, 13 washing machines, 43 vacuum cleaners, 59 toasters, 8 grills, 22 fans and 10 heating pads.

We have connected 14 motors during the year, totalling 67 H. P.

The total increase in connected load, including appliances and motors, is 536 K. W. There were doubtless many appliances purchased elsewhere by our customers, of which we have no record.

The increased sale of appliances during this year has been accomplished by the assistance rendered us without charge by the Federal Sign System (Electric) through its England manager, Mr. J. J. Lauppe, and he has offered to continue this work through the coming year. While there is probably very little profit in the sale of the appliances, when all selling, demonstrating and installation expenses are considered, yet the appliances sold by us this year will bring in a yearly revenue of approximately \$1,500.00. This is the equivalent revenue from about 50 lighting customers, while the demand during the station peak shows little, if any, increase.

Electric range manufacturers report sales of ranges during 1916 to be over \$2,300,000.00. This large increase in sales shows that the electric range has taken its place in the modern household as an article of convenience and economy.

The pole lines in all of the towns served by the plant have been labelled and numbered, and a card record of same is on file at the office. The record also shows the location and size of transformers and street lamps. We have also nearing completion a full set of sectional maps showing locations of all poles owned exclusively by the town as well as those jointly owned.

The renewal of the No. 2 boiler this year, which was made necessary on account of the reduction by the insurance company of the allowable steam pressure, makes the present station equipment suitable for the coming year, so far as we are able to determine at the present time. The constantly increasing load, however, makes it advisable to look into the matter of additional station capacity, both in the steam and electric plants, or to consider the advisability of purchasing current. I believe the matter should be taken up this coming year, as considerable time will be required to complete whatever changes are to be made. At the present time, I am informed that it would probably take a year to get delivery of a turbine and generator, although boilers could be secured without as much delay. If current is purchased, a transmission line and transforming apparatus will be needed, besides possible changes in switchboard, distribution system, motors and meters.

In making the estimate for the coming year, I believe ample provision has been made for each item of expense, as far as it is possible to determine in advance, and the estimated increase in earnings, I think will be realized.

The fuel account will show the largest increase of any item of expense, due to the present high prices. I have estimated an increase in cost of approximately \$2.00 per ton. If prices of fuel and supplies were on a normal basis, I would recommend at this time a further reduction in the lighting rate, but under existing conditions it seems hardly advisable.

The following tables show data from the records of the plant and are followed by the financial report and estimate for 1917. Appended to the report is a list of unpaid bills in accordance with the Town By-law.

## READING STREET LIGHTS

Circuit	Hrs. Burned	40 C. P.	60 C. P.	100 C. P.	250 C. P.	400 C. P.	600 C. P.	Totals
1	3215		127	4	15			146
2	3216	4	91		11			106
3	3217	3	141	2	2			148
4	3867		77	13	13	1	23	127
Totals . .		7	436	19	41	1	23	527

## LYNNFIELD EXTENSION

Total number of customers Dec. 31, 1916 . .	100
Total commercial lamps in 40 watt units . .	689
Total commercial lamps in 50 watt units . .	984
Total number of 40 candle street lamps connected	109
Total horse power in motors . . . .	25
Total investment to Dec. 31, 1916 . . . .	\$14,177.82
Total earnings for the year . . . . .	3,293.45

## NORTH READING EXTENSION

Total number of customers Dec. 31, 1916 . .	120
Total commercial lamps in 40 watt units . .	863
Total commercial lamps in 50 watt units . .	937
Total number of 40 candle street lamps connected	225
Total horse power in motors . . . . .	29.58
Total investment to Dec. 31, 1916 . . . .	\$27,244.40
Total earnings for the year . . . . .	6,619.69

## WILMINGTON EXTENSION

Total number of customers Dec. 31, 1916 . .	241
Total commercial lamps in 40 watt units . .	1,921
Total commercial lamps in 50 watt units . .	1,902

Total number of 40 candle street lamps connected	384
Total horse power in motors . . . . .	42.38
Total investment to Dec. 31, 1916 . . . . .	\$43,890.56
Total earnings for the year . . . . .	10,622.58

## TABLE SHOWING DATA FROM RECORDS OF THE PLANT

Kilowatt hours manufactured . . . . .	1,231,677
Kilowatt hours used on street lights . . . . .	170,810
Kilowatt hours sold to Reading consumers . . . . .	590,183
Kilowatt hours sold to North Reading consumers . . . . .	56,929
Kilowatt hours sold to Lynnfield consumers . . . . .	23,919
Kilowatt hours sold to Wilmington consumers . . . . .	80,704
Kilowatt hours used at station and office . . . . .	13,916
Kilowatt hours unaccounted for . . . . .	295,216
Coal used, tons . . . . .	2,448
Average cost of coal per ton . . . . .	\$4.407
Incandescent lamps renewed free . . . . .	4,484
New poles added . . . . .	310
Old poles renewed . . . . .	96
Feet of wire added . . . . .	113,882
Feet of wire renewed . . . . .	22,711
Incandescent lamps connected in 40 watt units . . . . .	2,514
Incandescent lamps connected in 50 watt units . . . . .	2,570
Motors connected . . . . .	14
New services installed . . . . .	148
Street lamps installed . . . . .	72

## CONNECTED LOAD DECEMBER 31, 1916

Total number of customers . . . . .	1,805
Total incandescent lamps in 40 watt units (approximate) . . . . .	13,702
Total incandescent lamps in 50 watt units (approximate) . . . . .	17,428
Total horse power in motors . . . . .	441
Total number of tungsten street lamps . . . . .	1,225

MANUFACTURING COSTS PER K. W. H. BASED ON TOTAL K. W. H.  
DELIVERED AT SWITCHBOARD

	1910	1911	1912	1913	1914	1915	1916
Fuel . . . . .	.0086	.0077	.0091	.0101	.0092	.0085	.0087
Labor . . . . .	.0075	.0069	.0071	.0070	.0082	.0087	.0071
Other station expenses	.0026	.0021	.0027	.0020	.0017	.0013	.0023
Total costs . . . . .	.0187	.0167	.0189	.0191	.0191	.0186	.0181

K. W. H. delivered at  
switchboard:

698,597	771,011	919,282	1,045,592	986,476	980,688	1,231,677
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TABLE SHOWING EARNINGS OF LIGHT AND POWER FOR  
FIVE YEARS

	LIGHTS				
	1912	1913	1914	1915	1916
Total	\$31,772.66	\$39,472.00	\$44,496.50	\$47,436.24	\$55,683.52
Discount	2,861.18	3,365.99	3,404.39	3,326.87	4,482.75
Net	\$28,911.48	\$36,106.01	\$41,092.11	\$44,109.37	\$51,200.77

	POWER				
Total	\$8,321.36	\$8,639.16	\$8,783.49	\$7,593.13	\$10,823.39
Discount	60.91	80.47	75.85	99.18	124.15
Net	\$8,260.45	\$8,558.69	\$8,707.64	\$7,493.95	\$10,699.24

NET TOTAL LIGHT AND POWER

\$37,171.93	\$44,664.70	\$49,799.75	\$51,603.32	\$61,900.01
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SUMMARY OF CASH RECEIPTS AND EXPENDITURES FOR THE YEAR

	DR.	
Balance Dec. 31, 1915 . . . . .	\$2,707	61
Appropriation for bond payments . . . . .	1,200	00
Appropriation for note payments . . . . .	3,800	00
Receipts from customers . . . . .	68,028	11
Interest received . . . . .	203	74
Sundry receipts . . . . .	3,483	72
Proceeds notes for construction . . . . .	10,000	00
	<hr/>	\$89,423 18

	CR.	
Cash paid for construction . . . .	\$15,549 18	
Cash paid for bonds . . . . .	7,000 00	
Cash paid for notes . . . . .	3,800 00	
Cash paid for interest . . . . .	4,704 99	
Cash paid for Commissioners' salaries . . . .	225 00	
Cash paid for maintenance . . . . .	56,225 03	
Cash paid for insurance . . . . .	1,388 74	
Cash paid for taxes . . . . .	245 30	
	<hr/>	
	\$89,138 24	
Balance Dec. 31, 1916 . . . . .	284 94	
	<hr/>	\$89,423 18

# OPERATIONS FOR TWELVE MONTHS ENDING DECEMBER 31, 1916

## EXPENSE

### MANUFACTURE :

Fuel . . . . .	\$10,789 71	
Oil and waste . . . . .	117 93	
Water . . . . .	40 01	
Station wages . . . . .	8,754 34	
Repair of real estate . . . . .	1,037 31	
Repair of steam plant . . . . .	1,112 95	
Repair of electric plant . . . . .	67 04	
Station tools and appliances . . . . .	341 90	
	<hr/>	\$22,261 19

### DISTRIBUTION :

Distribution wages . . . . .	\$1,437 25	
Renewal and repair of lines, lamps and meters . . . . .	6,594 60	
Incandescent lamps . . . . .	3,476 38	
Distribution tools and appliances . . . . .	202 64	
Stable and auto expenses . . . . .	2,275 35	
	<hr/>	\$13,986 22

### MISCELLANEOUS EXPENSES :

General salaries . . . . .	\$4,183 59	
Board expenses . . . . .	81 72	
Commissioners' salaries . . . . .	225 00	
General office expenses . . . . .	1,365 36	
Rent of office and stock room . . . . .	435 00	
Advertising and printing . . . . .	156 83	

Insurance . . . . .	\$1,470 45	
Law expense . . . . .	20 00	
Taxes . . . . .	245 30	
Pole line rental . . . . .	133 14	
	<hr/>	\$8,316 39
		<hr/>
		\$44,563 80
Gain in operating . . . . .		17,336 21
		<hr/>
		\$61,900 01

## INCOME

Commercial light, less discounts . .	\$10,865 43	
Domestic light, less discounts . .	30,005 23	
Cooking and heating, less discounts .	1,330 53	
Commercial power, less discounts . .	8,537 59	
Power sold to Water Works . .	669 84	
Power sold to Street Department . .	66 40	
Power sold to Wakefield . .	24 88	
Power sold to Lowell Electric Light Corporation . . . . .	70 00	
Lighting Municipal Buildings . .	680 91	
Street lighting, North Reading . .	2,965 46	
Street lighting, Wilmington . .	5,475 52	
Street lighting, Lynnfield . .	1,208 22	
	<hr/>	\$61,900 01

## PROFIT AND LOSS ACCOUNT DECEMBER 31, 1916

	DR.	
Deficit Jan. 1, 1916 . . . . .	\$24,836 70	
Interest paid . . . . .	4,704 99	
Depreciation . . . . .	7,597 47	
	<hr/>	\$37,139 16
	CR.	
Jobbing income . . . . .	\$430 40	
Rent of poles . . . . .	374 67	
Interest on bank balance . . . . .	106 62	
Gain in operating . . . . .	17,336 21	
	<hr/>	\$18,247 90
Deficit Dec. 31, 1916 . . . . .	18,891 26	
	<hr/>	\$37,139 16



## STATEMENT DECEMBER 31, 1916

## ASSETS

Real estate . . . . .	\$11,654 42
Steam plant . . . . .	30,742 30
Electric plant . . . . .	16,454 29
Lines . . . . .	90,581 61
Incandescent street lights . . . . .	10,670 30
Meters . . . . .	16,526 77
Transformers . . . . .	12,691 09

## INVENTORY :

Fuel . . . . .	1,501 25
Station tools and appliances . . . . .	888 45
Oil and waste . . . . .	44 75
Jobbing supplies . . . . .	2,739 20
Line material . . . . .	4,325 37
Incandescent lamps . . . . .	1,475 45
Repairs steam plant . . . . .	455 55
Repairs electric plant . . . . .	161 00
Repairs of lines . . . . .	666 40
Horse, wagon, auto, truck, etc. . . . .	1,640 90
Distribution tools and appliances . . . . .	653 65
Office supplies . . . . .	246 92
Office furniture . . . . .	979 35
Unexpired insurance . . . . .	356 16
Cash in Town Treasury, maintenance account . . . . .	284 94
Cash in Mechanics' Savings Bank, (customers' deposits) . . . . .	2,045 78
Accounts receivable (manufacturing) . . . . .	11,953 25
	<hr/>
	\$219,739 15
Profit and loss deficit . . . . .	18,891 26
	<hr/>
	\$238,630 41

## LIABILITIES -

Bonds payable . . . . .	\$69,000 00
Notes payable . . . . .	42,700 00
Appropriations for bond payments . . . . .	50,713 00
Appropriations for note payments . . . . .	28,446 00
Appropriations for construction . . . . .	36,623 30

Overdraft for construction . . .	\$3,211 64
Customers' deposits . . . . .	2,045 78
Interest accrued, not due . . . .	1,091 06
Accounts payable, maintenance . .	4,799 63
	<hr/> \$238,630 41

## CONSTRUCTION ACCOUNT

Cost of plant as shown in Town Report Dec. 31, 1915 . . . . .	\$254,349 09
Electric plant . . . . .	\$11 71
Steam plant . . . . .	2,584 32
Lines . . . . .	8,175 73
Incandescent street light fixtures .	711 01
Meters . . . . .	1,554 84
Transformers . . . . .	2,511 57
	<hr/> 15,549 18
	<hr/> \$269,898 27

## CONSTRUCTION CASH ACCOUNT

## DR.

Balance Dec. 31, 1915 . . . . .	\$2,045 37
Proceeds construction notes . . .	10,000 00
Depreciation cash used for construction . . . . .	3,503 81
	<hr/> \$15,549 18

## CR.

Amount paid for Reading construction . . . . .	\$7,721 69
Amount paid for Lynnfield construction . . . . .	2,732 46
Amount paid for North Reading construction . . . . .	1,388 03
Amount paid for Wilmington construction . . . . .	3,707 00
	<hr/> \$15,549 18

## ADDITIONAL TUNGSTEN STREET LIGHTS

From depreciation cash . . . . .	\$711 01
Expended . . . . .	\$711 01

## DEPRECIATION CASH ACCOUNT

Appropriation from earnings . . . . .		\$7,597 47
Amount used for construction account . . . . .	\$3,503 81	
Amount used for renewal of lines and steam plant . . . . .	4,093 66	
	<hr/>	\$7,597 47

## LYNNFIELD EXTENSION

Total investment to Dec. 31, 1916:

Lines . . . . .	\$10,969 25	
Incandescent street lights . . . . .	1,061 58	
Meters . . . . .	1,247 59	
Transformers . . . . .	899 40	
	<hr/>	\$14,177 82

## NORTH READING EXTENSION

Total investment to Dec. 31, 1916:

Electric plant . . . . .	\$440 12	
Lines . . . . .	22,404 34	
Incandescent street lights . . . . .	1,694 34	
Meters . . . . .	1,471 94	
Transformers . . . . .	1,233 66	
	<hr/>	\$27,244 40

## WILMINGTON EXTENSION

Total investment to Dec. 31, 1916:

Electric plant . . . . .	\$627 18	
Lines . . . . .	37,472 67	
Incandescent street lights . . . . .	2,503 42	
Meters . . . . .	1,207 53	
Transformers . . . . .	2,079 76	
	<hr/>	\$43,890 56

## ESTIMATES FOR 1917

## EXPENDITURES:

For operation, maintenance and repairs . . . . .	\$54,338 00
For interest on bonds and notes . . . . .	4,580 13

For depreciation (3 per cent. on \$269,898.27)	. . . \$8,096 95
For note payments	. . . 4,300 00
For bond payments	. . . 7,000 00
	<hr/> \$78,315 08
INCOME:	
From sales to private consumers	\$69,483 31
From miscellaneous items	. . 831 77
	<hr/> \$70,315 08
Balance	. . . \$8,000 00
For new construction	. . . \$10,000 00
	<hr/>
Total to be appropriated	. . . \$18,000 00

Respectfully submitted,

ARTHUR G. SIAS, Manager.

#### UNPAID BILLS DECEMBER 31, 1916

In accordance with Section 9 of Article 10  
of Town By-Laws:

Addressograph Co.	. . . . . \$1 06
American Express Co.	. . . . . 16 94
American Steam Guage and Valve Mfg. Co.	. . . . . 3 42
Atkinson, G. H. Co.	. . . . . 2 18
Bancroft, Wendell & Co.	. . . . . 9 38
Bantam Mfg. Co.	. . . . . 103 40
Bay State Street Railway Co.	. . . . . 290 44
B. & M. R. R.	. . . . . 17 21
Braman, Dow & Co.	. . . . . 31 45
Brooks, E. J. & Co.	. . . . . 4 05
Buckminster, George H. Co.	. . . . . 61 49
Cameron, J. J.	. . . . . 3 75
Charles, M. F.	. . . . . 6 82
Chesterton, A. W. Co.	. . . . . 10 05
Chapin, E. H.	. . . . . 142 98
Olapp & Leach	. . . . . 12 16
Columbia Lamp Division	. . . . . 227 11
Crafts, Clinton W.	. . . . . 10 75
Cummings Express Co.	. . . . . 1 80

Darrow-Mann Co. . . . .	\$523 00
Detroit Graphite Co. . . . .	7 00
Electrical Sales Co. . . . .	8 40
Eaton, George E. . . . .	23 70
Faxon, Brooks . . . . .	294 00
Federal Sign System (Electric) . . . . .	680 93
Fife, T. O. . . . .	2 45
Francis Bros. . . . .	5 10
General Electric Co. . . . .	78 62
Ham, E. W. Electric Co. . . . .	16 24
Hardy, F. S. & Co. . . . .	119 32
Home Insurance Co. . . . .	3 41
Keuffel & Esser Co. . . . .	47
Library Bureau . . . . .	3 06
G. F. MacDonald . . . . .	30 00
J. B. McLane . . . . .	5 20
Motor Parts Co. . . . .	3 50
New England Iron Works Co. . . . .	11 51
National Carbon Co. . . . .	12 35
New England Petroleum Co. . . . .	21 90
New England Tel. & Tel. Co. . . . .	325 96
Pettingell-Andrews Co. . . . .	153 54
Prentiss & Viall . . . . .	322 17
Town of Reading, Street Department . . . . .	250 00
Reading Garage . . . . .	129 74
Town of Reading, Water Department . . . . .	27 53
Roberts, A. E. . . . .	38 48
Rose Bros. & Co. . . . .	16 50
Seaman, P. J. . . . .	4 60
Simplex Electric Heating Co. . . . .	13 51
Simplex Wire & Cable Co. . . . .	115 58
Spaulding & Moss Co. . . . .	1 75
Standard Auto Supply Co. . . . .	8 18
Star Brass Mfg. Co. . . . .	2 33
Stuart-Howland Co. . . . .	238 60
Suburban Boston Real Estate Trust . . . . .	36 25
Sweetser, Percy N. . . . .	113 50
Symonds, O. P. & Sons . . . . .	1 50
Turnbull & Rogers . . . . .	2 50
Twombly, W. E. & J. F. . . . .	20 45
Westinghouse Electric & Mfg. Co. . . . .	91 71
Western Electric Co. . . . .	67 35
Woburn Machine Co. . . . .	11 48
Total . . . . .	<hr/> \$4,799 63

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Twenty-seventh Annual Report

OF THE

WATER COMMISSIONERS

For the Year Ending December 31

1916

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## OFFICERS OF THE WATER DEPARTMENT

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### Commissioners

HENRY R. JOHNSON, Chairman . Term expires 1919  
HARVEY A. BANCROFT . . . Term expires 1917  
EDGAR N. HUNT . . . . Term expires 1918

### Superintendent and Registrar

LEWIS M. BANCROFT

### Superintendent of Pumping Station

FRANK F. STROUT

### Fireman

GROVER O. EATON

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### OFFICE OF THE WATER BOARD

194 Main Street

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### OFFICE HOURS

8.30 to 11 A. M., 2 to 4 P. M., except Saturday

Saturday, 8.30 A. M. to 12 M., 7.30 to 9 P. M.



## REPORT OF WATER COMMISSIONERS

### TO THE CITIZENS OF READING:

The Board of Water Commissioners herewith submit their twenty-seventh annual report:

MAINTENANCE	
Received rent, etc. . . . .	\$28 45
Fines and summons . . . . .	11 00
Paid pay roll . . . . .	\$615 00
Superintendent and Registrar . . . . .	1,400 00
N. E. Tel. & Tel. Co. . . . .	67 28
Engineering Record . . . . .	3 00
Mechanics Savings Bank, rent . . . . .	220 00
Fire and Water Engineering . . . . .	3 00
W. E. & J. F. Twombly . . . . .	55 40
M. J. Breese . . . . .	4 75
Standard Carbon and Ribbon Co. . . . .	1 00
Liability insurance . . . . .	62
Globe-Wernicke Co. . . . .	64 82
F. E. Gray, postmaster . . . . .	46 48
Clinton-W. Crafts . . . . .	8 75
The Rand Co. . . . .	10 88
Old Colony Trust Co. . . . .	10 00
Union Safe Deposit Co. . . . .	10 00
M. F. Charles . . . . .	1 65
Francis Bros. . . . .	12
Commissioners' salaries . . . . .	225 00
Burglary insurance . . . . .	14 25
Addressograph Co. . . . .	2 36
Repairing gauge . . . . .	1 00
Carfares . . . . .	48 40
Decorating . . . . .	3 00

Legislative Bulletin . . . . .	\$2 00	
Stationery . . . . .	3 95	
Repairing rubber stamps . . . . .	3 85	
Balance . . . . .		2,787 11
	<hr/>	<hr/>
	\$2,826 56	\$2,826 56

## MAINTENANCE OF PUMPING STATION

Received rent of house . . . . .		\$180 00
Return premium, liability insurance . . . . .		6 39
Coal . . . . .		87 18
Paid pay roll . . . . .	\$2,123 46	
Boston & Maine R. R. . . . .	340 80	
N. E. Tel & Tel. Co. . . . .	52 84	
Eagle Oil & Supply Co. . . . .	100 43	
Bader Coal Co. . . . .	177 06	
N. E. Coal & Coke Co. . . . .	692 52	
Municipal Light Board . . . . .	17 43	
Percy N. Sweetser, teaming . . . . .	233 75	
N. E. Petroleum Co. . . . .	1 00	
American Express Co. . . . .	29	
Cummings Express . . . . .	4 50	
E. W. Hatch . . . . .	6 40	
Hodge Boiler Works . . . . .	2 25	
Braman Dow & Co. . . . .	1 45	
Francis Bros. . . . .	17 78	
Jenkins Bros. . . . .	10 52	
Liability insurance . . . . .	27 00	
H. W. Johns-Mannville Co. . . . .	23 41	
Belmont Packing & Rubber Co. . . . .	2 10	
Town of North Reading . . . . .	2 25	
Economy Lubricating Co. . . . .	5 00	
Brass rods . . . . .	1 33	
Car fares . . . . .	1 00	
Crandall Packing Co. . . . .	77	
Balance . . . . .		3,571 77
	<hr/>	<hr/>
	\$3,845 34	\$3,845 34

## MAINTENANCE OF FILTERS

Paid pay roll . . . . .	\$1,114 67	
Boston & Maine R. R. . . .	99 45	
Municipal Light Board . . .	703 32	
Eagle Oil & Supply Co. . . .	50	
Louis Ellenwood . . . . .	38 15	
F. W. Hunt & Co. . . . .	3 00	
Parker & Page Co. . . . .	1 14	
A. D. Gordon . . . . .	3 85	
J. A. & W. Bird & Co. . . .	5 73	
E. O. Hanscom . . . . .	1 87	
Henry A. Upton . . . . .	22 33	
Pettingell-Andrews Co. . . .	4 38	
Cummings Express . . . . .	22 75	
Lead Lined Iron Pipe Co. . . .	10 20	
Norwood Engineering Co. . . .	61 96	
Francis Bros. . . . .	6 99	
N. E. Tel. & Tel. Co. . . . .	5 92	
Harrison Bros. & Co., inc. . . .	1,204 96	
T. O. Fife . . . . .	2 50	
W. B. Fonda . . . . .	153 00	
O. O. Ordway . . . . .	1 25	
American Express Co. . . . .	30	
Car fares . . . . .	3 85	
	<hr/>	\$3,472 07

## MAINTENANCE OF METERS

Paid pay roll . . . . .	\$582 50	
Cummings Express . . . . .	75	
G. F. MacDonald . . . . .	2 00	
Hersey Mfg. Co. . . . .	12 60	
Boston & Maine R. R. Co. . . .	1 13	
Batteries . . . . .	4 20	
	<hr/>	\$603 18

## MAINTENANCE OF SERVICE PIPES

Paid pay roll . . . . .	\$65 19	
G. F. MacDonald . . . . .	4 00	
Cummings Express . . . . .	25	
	<hr/>	\$69 44

## MAINTENANCE OF MAIN PIPE

Paid pay roll . . . . .	\$28 05	
Chapman Valve Mfg. Co. . . . .	6 60	
American Express . . . . .	31	
	<hr/>	\$34, 96

## INTEREST

Received interest on deposits . . . . .		\$63 73
Received interest on bonds sold . . . . .		5 56
Hydrant rent . . . . .		5,940 00
Water for street sprinkling . . . . .		150 00
Water for drinking fountains . . . . .		150 00
Paid interest on bonds . . . . .	\$6,060 00	
Balance . . . . .	249 29	
	<hr/>	<hr/>
	\$6,309 29	\$6,309 29

## BONDS

Received for bonds sold . . . . .		\$2,060 00
Paid bonds . . . . .	\$3,000 00	
Balance . . . . .		940 00
	<hr/>	<hr/>
	\$3,000 00	\$3,000 00

## MAIN PIPE

Received for pipe laid . . . . .		\$110 00
Paid pay roll . . . . .	\$298 33	
Boston & Maine R. R. . . . .	8 31	
Builders' Iron Foundry . . . . .	26 50	
Braman, Dow & Co. . . . .	22 44	
Chapman Valve Mfg. Co. . . . .	133 25	
Water Works Equipment Co. . . . .	31 07	
E. O. Hanscom . . . . .	20 20	
Cummings Express . . . . .	75	
A. Michelini & Son . . . . .	343 20	
Warren Foundry & Machine Co. . . . .	579 58	
Donaldson Iron Works . . . . .	569 66	
G. F. MacDonald . . . . .	36 00	
Chadwick-Boston Lead Works . . . . .	32 16	
O. O. Ordway . . . . .	4 35	

Repairs on tapping machine . . . . .	\$ 50	
Flags . . . . .	70	
Balance . . . . .		\$1,997 00
	<hr/>	
	\$2,107 00	\$2,107 00

## METERS

Paid pay roll . . . . .	\$15 50	
Cummings Express . . . . .	75	
H. Mueller Mfg. Co. . . . .	18 23	
Boston & Maine R. R. . . . .	50	
Neptune Meter Co. . . . .	170 00	
Hersey Mfg. Co. . . . .	85 93	
Boston Coupling Co. . . . .	7 50	
National Meter Co. . . . .	40 00	
Braman, Dow & Co. . . . .	9 53	
	<hr/>	\$347 94

## ARTESIAN WELL

Paid Trask Artesian Well Co. . . . .	\$794 50	
Boston & Maine R. R. . . . .	57	
	<hr/>	\$795 07

## ADDITIONAL SUPPLY

Paid Weston & Sampson . . . . .	\$6 18	
Car fares . . . . .	1 50	
	<hr/>	\$7 68

## SERVICE PIPES

Received for pipes laid . . . . .		\$1,105 89
Return premium, Liability Insurance . . . . .		43 00
Paid pay roll . . . . .	\$1,803 01	
H. Mueller Mfg. Co. . . . .	241 72	
Boston & Maine R. R. . . . .	8 03	
Eagle Oil & Supply Co. . . . .	17 36	
Cummings Express . . . . .	8 35	
W. S. Darby . . . . .	37 50	
Braman, Dow & Co. . . . .	436 23	

American Powder Mills . . . . .	\$23 18	
Francis Bros. . . . .	5 69	
Ware Coupling & Nipple Co. . . . .	15 14	
G. F. MacDonald . . . . .	338 00	
Walworth Mfg. Co. . . . .	22 23	
Liability Insurance . . . . .	171 20	
Chadwick-Boston Lead Co. . . . .	5 10	
Harold L. Bond Co. . . . .	21 31	
Chapman Valve Mfg. Co. . . . .	30 64	
W. E. & J. F. Twombly . . . . .	3 00	
A. Michellini & Son . . . . .	9 20	
T. O. Fife . . . . .	6 88	
American Express Co. . . . .	3 29	
Earl H. Chapin . . . . .	1 40	
O. O. Ordway . . . . .	44 39	
Wendell Bancroft & Co. . . . .	8 05	
Lead Lined Iron Pipe Co. . . . .	255 17	
Killorin Contracting Co. . . . .	2 50	
Repairs on harness . . . . .	40	
Balance . . . . .		2,370 08
	<hr/>	<hr/>
	\$3,518 97	\$3,518 97

## DEEP WELL PUMP

Paid pay roll . . . . .	\$92 60	
Braman, Dow & Co. . . . .	437 27	
Boston & Maine R. R. . . . .	12 74	
Cummings Express . . . . .	6 52	
Hersey Mfg. Co. . . . .	80 75	
E. C. Hanscom . . . . .	13 50	
Karl, Anden Co. . . . .	145 00	
Clapp & Leach . . . . .	23 60	
Stewart & Robertson . . . . .	81 11	
Municipal Light Board . . . . .	38 16	
Eagle Oil & Supply Co. . . . .	6 46	
American Express Co. . . . .	5 13	
Wendell Bancroft & Co. . . . .	12 16	
	<hr/>	\$955 00

## SUMMARY OF RECEIPTS AND EXPENDITURES

Cash balance from 1915 . . . . .	\$162 62	
Bonds sold . . . . .	2,060 00	
Rent and sundries . . . . .	39 45	
Coal . . . . .	87 18	
Return premium, liability insurance . . . . .	49 39	
House rent . . . . .	180 00	
Interest . . . . .	69 29	
Main pipe . . . . .	110 00	
Service pipe . . . . .	1,105 89	
Meter rates . . . . .	17,775 74	
Hydrant rent . . . . .	5,940 00	
Water for street sprinkling . . . . .	150 00	
Water for drinking fountains . . . . .	150 00	
Paid maintenance . . . . .	\$2,826 56	
Filter maintenance . . . . .	3,472 07	
Meter maintenance . . . . .	603 18	
Pumping Station maintenance . . . . .	3,845 34	
Service pipe maintenance . . . . .	69 44	
Main pipe maintenance . . . . .	34 96	
Main pipe . . . . .	2,107 00	
Service pipe . . . . .	3,518 97	
Meters . . . . .	347 94	
Interest . . . . .	6,060 00	
Bonds . . . . .	3,000 00	
Additional supply and well . . . . .	802 75	
Deep well pump . . . . .	955 00	
Cash on hand . . . . .	236 35	
	<hr/>	
	\$27,879 56	\$27,879 56

## COST OF PLANT

Reported last year . . . . .	\$359,726 62	
Main pipe . . . . .	1,997 00	
Service pipes . . . . .	2,370 08	
Meters . . . . .	347 94	
Additional supply . . . . .	1,757 75	
	<hr/>	
	\$366,199 39	



The Board recommends that \$6,030 be raised and appropriated for hydrant rental, that \$150 be raised and appropriated for water for drinking fountains, and that \$150 be raised and appropriated for water for street sprinkling.

The interest payable the current year amounts to \$5,620, as follows:

\$134,000 bonds for twelve months . . .	\$5,360 00
\$13,000 bonds for six months . . .	260 00
	<hr/>
	\$5,620 00

We have laid 1,390½ feet of main pipe in different parts of the Town and have added three hydrants to the pipe line.

Early in the season we commenced to investigate the different methods of pumping deep wells and visited several which were pumped in different ways, and decided it depended a great deal on the well as to the kind of pump to be used. For that reason we decided to take up an offer with a firm to put in a temporary pump that could be used for a year or so at small cost, but were disappointed at the test of same to find it would in no way meet our requirements and after much wasted time had to abandon it altogether and buy a deep well pump. On account of the freights we were delayed until fall in getting this pump working. For some time past we have been pumping from this well continuous and directly into our clear water basin, which accounts for the improvement in the water.

On Jan. 24 samples of this water were sent to Weston & Sampson for analysis and following is what they have to say about it:

“This water is low in color and is pleasing in appearance and taste. It is also low in organic and mineral matter and is a soft water. The iron content is low and no iron has settled from solution on standing. Considering the fact that no special precautions were taken to secure a sterile bottle, the bacteria are low. No sewerage or gas forming bacteris were found to be present.”

Following is the analysis:

PARTS PER MILLION						
Odor, cold 20% O.	.	.	.	.	.	None
Odor, hot 90% O.	.	.	.	.	.	1-vegetable
Turbidity	.	.	.	.	.	None
Color, Platinum Standard	.	.	.	.	.	1.
Oxygen consumed	.	.	.	.	.	.20
Nitrogen as free ammonia	.	.	.	.	.	.002
Nitrogen Albuminoid ammonia	.	.	.	.	.	.004
Nitrites	.	.	.	.	.	.000
Nitrates	.	.	.	.	.	.06
Chlorine	.	.	.	.	.	4.3
Alkalinity	.	.	.	.	.	30.0
Hardness, by soap method	.	.	.	.	.	31.2
Iron	.	.	.	.	.	.30
Carbon Dioxide	.	.	.	.	.	11.0
Residue on evaporation	.	.	.	.	.	140.
Bacteria per c. c. 20% O.	.	.	.	.	.	130.
Bacteria per c. c. 37.5% O.	.	.	.	.	.	45.
Bacillus coli in 10 c. c.	.	.	.	.	.	Negative
Presumptive test for B. coli	.	.	.	.	.	Negative

Your Commissioners are very much pleased with the results and recommend that the Town continue to drill wells as long as they continue to yield a good quality of water until we have enough to supply the Town. It may be necessary to build a larger clear water basin to store water in, thus saving putting down so many wells. However, this will have to be determined after more wells are drilled.

There will be an article in the town warrant asking authority to continue this work.

Respectfully submitted,

HENRY R. JOHNSON

EDGAR N. HUNT

HARVEY A. BANCROFT

Water Commissioners.

## REPORT OF WATER REGISTRAR

Amount of bills rendered in 1916 . . . . .		\$18,627 44	
Amount collected and paid Treasurer	17,266 99		
Amount uncollected . . . . .	1,294 98		
Amount abated . . . . .	65 47		
		<hr/>	<hr/>
		\$18,627 44	\$18,627 44
Amount of bills of previous years uncollected . . . . .			1,820 33
Amount collected and paid Treasurer	508 75		
Amount uncollected . . . . .	1,230 62		
Amount abated . . . . .	80 96		
		<hr/>	<hr/>
		\$1,820 33	\$1,820 33
Amount of service pipe bills rendered in 1916 . . . . .			1,083 84
Amount of service pipe bills of pre- vious years uncollected . . . . .			440 25
Amount collected and paid Treasurer	1,105 89		
Amount uncollected . . . . .	380 80		
Amount charged off . . . . .	37 40		
		<hr/>	<hr/>
		\$1,524 09	\$1,524 09

LEWIS M. BANCROFT, Registrar.

## SUPERINTENDENT'S REPORT

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### READING WATER COMMISSIONERS:

GENTLEMEN—The twenty-seventh annual report of the Superintendent is submitted for the year ending December 31, 1916.

The extension of mains has been 1,390.5 feet of six inch pipe as follows: Main Street hydrant branch 16 feet; Hanscom Avenue 528 feet; Scotland Road 113.5 feet; Vine Street 204 feet; Vale Avenue 393 feet; Woodward Avenue 136 feet. Three hydrants have been set: one on Main Street, one on Hanscom Avenue and one on Vine Street. Five gates have been set.

All hydrants have been inspected and put in repair. Four hydrants have been repaired that were damaged by people using them unlawfully and did not report to this department that they had left them in such a condition that they could not be used by the fire department.

### SERVICE PIPES

Forty-seven services have been put in and two discontinued during the year. Six service leaks have been repaired.

### PUMPING STATION

One of the Blake pumps needs a new set of valves and the Platt pump a new chain drive. Both boiler fire boxes need relining and the main steam pipe replaced. The store house roof should be shingled and the outside of the house painted.

TABLE SHOWING QUANTITY AND SIZE OF PIPE, SIZE AND NUMBER OF GATES AND NUMBER OF HYDRANTS IN  
THE WHOLE SYSTEM

LOCATION	LENGTH OF PIPE					NO. OF GATES					No. OF HYDTS
	12	10	8	6	4	12	10	8	6	4	
Arlington St.....				613					2		.
Ash St.....				4128					5		3
Auburn St.....	223		960			1		1	1		2
Avon St.....				803					1	1	.
Bancroft Ave...			713	1579				2	4		1
Beacon St.....	269										.
Belmont St.....				715					2		.
Berkley St.....				871					2		1
Brook St.....				307					1		1
Center Ave.....				615					1		1
Charles St.....				52					1		.
Chute St.....				935					4		.
Cross St.....									1		.
Deering St.....				943					2		1
Dudley St.....				350					2		1
Eaton St.....				1528					2		2
Fairview Ave...				226							.
Federal St.....				1252					2		1
Franklin St.....			10237	52				7			7
Freemont St.....				458					1		1
Forest St.....				106					1		.
Gould Street.....				621					2		.
Grand St.....				815					1		1
Green St.....				3409					8		3
Grove St.....			4099					4			3
Hancock St.....				769					1		1
Hanscom Ave...				888					2		2
Hartshorn St...				385					1		1
Haven St.....			1540	832				4	4	1	5
Haverhill St...			3951	2092				4	2		6
High St.....			3728	700				4	3		4
Highland St.....				1365					2		2
Highland Road..				353					1		1
Hill Crest Road..				746					1		2
Hopkins St.....				1747					2		.
Howard St.....				1876					2		2
John St.....			361	1506				2	6		4
King St.....				1593					3		1
Kingston St.....				854					2		1
Linden St.....				1593					4		1
Locust St.....	417			1140		2			2		.
Lowell St.....			2885	2525				6	1		6
Main St.....	13784		1292	6820		10		5	20	6	25
Manning St.....				500					1		.
Maple Ave.....				255					1	1	1
Middlesex Ave...				2440					4	1	1
Middlesex Ave Ex				632					1		1
Mineral St.....			1745					4		1	3

LOCATION	LENGTH OF PIPE					NO. OF GATES					NO. OF HYDTS
	12	10	8	6	4	12	10	8	6	4	
Minot St.....				1583				3			3
Mill St.....	850					1		1			1
Mt. Vernon St..				1530				2			1
Oak St.....				2738				3			2
Orange St.....				970				1			1
Parker St.....			399					1			1
Park Ave.....				435				1			1
Pearl St.....				3544				4			5
Perkins Ave....				259				1			
Pierce St.....				667				2			1
Pine St.....				1845				2			2
Pleasant St....			257	1037				1	3		1
Pratt St.....				987				3			1
Prescott St....			842	2385				2	3	1	5
Prospect St....				2411				3			3
Salem St.....			1299	3660				3	5	1	5
Sanborn St.....				1160				4			
Scotland Road..				1167				3			1
South St.....				4160				3			4
Spring St.....				576				2			
Summer Ave....			2473	6235				4	9		11
Sweetser Ave....				300				1			
Temple St.....				1426				2			1
Union St.....				693				2			
Vale Ave.....				393				1			
Vine St.....				668	532			1	2		1
Village St.....				816				2			1
Walnut St.....				2719				3			4
Wakefield St....				3597				4			2
Warren Ave....				622				1			1
Washington St..			535	1630	100			2	4	1	2
West St.....				8733				6			9
Weston Road...				224				2			
Willow St.....				747				1			2
Wilson St.....					265					1	
Winter St.....				743				2			1
Winthrop Ave...				615				1			1
Woburn St.....		1426		1319		7		2		2	10
Woodward Ave..				634				2			1
Railroad Land..				150							
Reading Rub. Co.			807	1806				2			7
OPSymonds&Son				571				1			1
Sanford Mills..											5
E. B. Richardson											1
Bay State St. Ry.											2
Fair Grounds....											1
	15543	1426	3823	118281	897	14	7	58	208	19	201

## LOCATION OF FIRE HYDRANTS

## Ash Street

West side, south corner Gould.

West side, north corner Avon.

West side, north corner Cross.

## Auburn Street

South side, west corner Beacon.

South side, near Weston's greenhouse.

## Bancroft Avenue

West side, south corner Middlesex Avenue.

## Berkley Street

West side, near house of E. P. Bancroft.

## Brook Street

East side, south corner Ash.

## Center Avenue

North side, opposite house of E. M. Knight.

## Deering Street

East side, south corner Lowell.

## Dudley Street

North side, corner Deering.

## Eaton Street

East side, south corner Salem.

East side, north corner Pleasant.

## Elliot Street

East side, north corner Green.

## Federal Street

North side, near house of William B. Jeffrey.

## Franklin Street

North side, east corner Pearl.

North side, near house of W. D. Emerson.

North side, opposite house of Henry Cook.

West side, opposite house of C. W. Nelson.

West side, opposite house of Fannie O. Nichols.

West side, near house of John A. McLeod.

East side, opposite house Fred A. Parker

## Fremont Street

North side, east corner Berkley.



## Grand Street

East side, near house of T. J. Babcock.

## Green Street

North side, near house No. 16, C. N. Mellen Estate.

North side, opposite house of M. J. Conway.

## Grove Street

West side, near house of C. H. Dustin.

West side, near house of Hugh Campbell.

West side, opposite Forest.

## Hancock Street

West side, near house of George J. Riley.

## Hanscom Avenue

West side, near house of Norman H. Hudson.

West side, near house of E. J. Roundy.

## Hartshorn Street

West side, near house of Mary Burke.

## Haven Street

North side, east corner Chute.

North side, opposite Gould.

South side, opposite Linden.

South side, opposite Sanborn.

North side, opposite Elliot.

## Haverhill Street

West side, north corner Wakefield.

West side, near house of E. O. Carey.

West side, south corner Charles.

West side, south of house of Wm. Taylor.

West side, north of house of Charles M. Harrison.

West side, corner Franklin.

## High Street

East side, south corner Mt. Vernon.

East side, opposite house of J. A. Bancroft.

East side, opposite Mineral.

East side, opposite Vine.

## Highland Street

West side, near house of Willard Kempton.

West side, south corner Locust.

# Highland Road

North side, corner Waverly Road.

# Hill Crest Road

East side, corner Ellis Avenue.

East side, opposite house of Winthrop E. Pratt.

# Howard Street

South side, near house of Thomas A. Abbott.

South side, west corner private way.

# John Street

West side, corner Pleasant.

West side, corner Haven.

West side, near corner Village.

East side, opposite Car Barns.

# King Street

South side, opposite house of Geo. F. Gilman.

# Kingston Street

East side, near house of A. W. Webster.

# Linden Street

East side, opposite Home for Aged Women.

# Lowell Street

South side, west corner Sanborn.

North side, east corner Bancroft Avenue.

South side, corner of Grand.

South side, east corner Willow.

South side, opposite house of E. W. Harris.

South side, opposite house of C. M. Barrows.

# Main Street

West side, south corner Pearl.

West side, south corner Franklin.

West side, near house of A. G. Nichols.

West side, north of house of H. E. Nichols.

West side, opposite house of H. I. Haggerty.

West side, opposite house of C. I. Nesmith.

West side, north corner Forest.

West side, opposite house of G. D. Putnam.

West side, north of house of A. L. Chapman.

West side, south of Ridge Road.

West side, near house of the late Freeman Kelso.

West side, south corner Locust.

West side, opposite Charles.

West side, north corner of Salem.

West side, south point of Common.

East side, in front of Elmwood Hotel.

East side, near Y. M. O. A. Building.

West side, south corner Green.

West side, north side of railroad crossing.

West side, opposite Avon.

West side, opposite Cross.

West side, south corner Summer Avenue.

West side, north corner Hopkins.

West side, north corner South.

West side, near house of C. E. Stillings.

#### Maple Street

East side, near house of George E. Lang.

#### Middlesex Avenue

South Side, east corner Deering.

#### Middlesex Avenue Extension

North side, near house of John Hickey.

#### Mill Street

South side, opposite Pumping Station.

#### Mineral street

North side, east corner Vine.

North side, east corner Hancock.

North side, east corner Summer Avenue.

#### Minot Street

West side, between Washington Street and Sweetser Avenue.

West side, between Warren and Center Avenues.

West side, near Park Avenue.

#### Mt. Vernon Street

North side, opposite Chute.

#### Oak Street

North side, west corner Hill Crest Road.

North side, opposite house of George H. Walsh.

Orange Street

South side, east corner of Belmont.

Park Avenue

North side, near house of William Carney.

Parker Street

East side, near Central Fire Station.

Pearl Street

East side, south corner of Thorndike.

East side, south corner Charles.

East side, opposite house of the late Mary Bunker.

East side, near house of John J. Reardon.

East side, opposite Forest.

Pierce Street

West side, south corner of Orange.

Pine Street

North side, near house of G. A. Loomis.

North side, corner of Haverhill.

Pleasant Street

North side, west corner Middle.

Pratt Street

East side, corner Fairview Avenue.

Prescott Street

North side, opposite C. H. Bangs Co.'s Shop.

North side, west corner Arlington.

North side, west corner Washington.

North side, east corner Pratt.

North side, east corner Perkins Avenue.

Prospect Street

West side, near house of John A. Boyd.

West side, north corner King.

West side, near house of Mrs. E. H. Palmer.

Salem Street

North side, opposite John.

North side, near Car Barns.

South side, opposite Pearl.

North side, west corner Belmont.

North side, west corner Pine.

## Scotland Road

South side, opposite house of H. E. Boothby.

## South Street

North side, opposite house of David Weston.

North side, east corner Curtis.

North side, corner Walnut.

East side, near house of W. H. Clark.

## Summer Avenue

West side, opposite Woodbine.

West side, south of King.

West side, near house of C. A. Loring.

West side, corner Prescott.

West side, south corner Scotland Road.

West side, north corner Oak.

West side, near house of F. W. Allen.

West side, opposite house of the late W. E. Coney.

South side, east corner Hopkins.

North side, near house of L. C. Myers.

North side, near house of William F. Welch.

## Temple Street

North side, near house of A. W. Temple.

## Village Street

East side, north corner Green.

## Vine Street

North side, corner Vine.

## Wakefield Street

North side, east corner of Charles.

North side, east corner of Pearl.

## Walnut Street

North side, near Hopkins.

North side, near house of W. S. Parker.

North side, opposite Curtis.

North side, opposite South.

## Warren Avenue

South side, opposite No. 15.

### Washington Street

North side, in front of No. 46.

North side, west corner Ash.

### West Street

West side, near house of James O. Carter.

West side, near house of E. F. Van Stone.

West side, opposite Oak.

West side, near house of F. C. Tukey.

West side, opposite O. P. Weston's house.

West side, opposite King.

West side, near house of Allen C. Jones.

East side, near house of Emma S. Knowles.

West side, opposite house of Geo. P. Abbott.

### Willow Street

North side, opposite house of John LaLacheur.

North side, opposite Summer Avenue.

### Winter Street

East side, north corner Salem.

### Winthrop Avenue

East side, south corner Weston Road.

### Woburn Street

North side, at Common.

North side, east corner Sanborn.

North side, west corner Linden.

North side, east corner Chute.

North side, east corner Washington.

North side, east corner Temple.

North side, opposite Pratt.

North side, east corner Summer Avenue.

North side, west corner Prospect.

North side, west corner Berkley.

### Woodward Avenue

North side, opposite house of A. W. Stockwell.

## PRIVATE HYDRANTS

## Ash Street

Reading Rubber Mfg. Co.

3 south of mill.

3 north of mill.

1 east of boiler house.

## Sanford Mills

2 north of mill.

1 east of mill.

2 south of mill.

## O. P. Symonds &amp; Sons

1 west of mill.

## Berkley Street

E. B. Richardson

1 east of shop.

## John Street

Bay State Street Railway

1 near office.

1 near water tank.

## Salem Street

Fair grounds

1 near north gate.



## KINDS AND SIZES OF METERS IN USE

No.	NAME	SIZES					
		2 in.	1½ in.	1¼ in.	1 in.	¾ in.	½ in.
85	Crown.....	4	1	.....	2	2	76
967	Nash.....	.....	4	.....	7	5	951
201	Empire.....	1	.....	.....	.....	1	199
1	Gem.....	1	.....	.....	.....	.....	.....
41	Lambert.....	.....	.....	.....	2	.....	39
11	Thompson.....	.....	.....	.....	1	.....	10
6	Worthington.....	.....	.....	.....	.....	.....	6
186	Hersey.....	1	7	.....	11	.....	167
61	Neptune.....	.....	.....	.....	.....	.....	61
8	Union.....	3	.....	.....	1	.....	4
5	King.....	.....	.....	.....	.....	.....	5
15	Columbia.....	.....	.....	.....	.....	.....	15
0	Niagara.....	.....	.....	.....	.....	.....	.....
9	Keystone.....	.....	.....	8	.....	.....	1
1596	.....	10	12	8	24	8	1534

## YEARLY RECORD OF PUMPING SERVICE

FROM JAN. 1, 1916, TO JAN. 1, 1917

MONTH	No. Days	Hrs.	Min.	Gallons Pumped	Total Head	Pounds Coal	Rain- fall
January.....	31	401	..	7,444,204	219	47,380	1.22
February.....	29	268	45	6,593,172	.....	45,757	5.37
March.....	31	268	..	6,638,823	.....	47,517	3.31
April ..	30	263	..	6,521,428	.....	40,702	5.14
May ..	31	306	30	7,918,668	.....	42,554	4.59
June.....	30	294	..	7,985,265	.....	39,264	5.86
July.....	31	312	15	8,206,225	.....	40,243	3.13
August.....	31	313	..	8,471,579	.....	44,533	2.30
September.....	30	324	30	8,755,512	.....	45,650	3.11
October.....	31	256	45	7,348,279	.....	42,382	1.01
November.....	30	232	30	6,647,550	.....	37,520	1.94
December.....	31	216	15	6,778,032	.....	42,460	2.91
	366	3,456	30	89,308,737	219	515,962	39.89

TABLE SHOWING AMOUNT OF RAIN AND MELTED  
SNOW FOR YEAR ENDING DEC. 31, 1916

Day of Month	January	February	March	April	May	June	July	August	September	October	November	December	Day of Month
1...	.64	.....	.20	.....	.....	.....	.....	.....	.....	.....	.03	.....	.....1
2...	.19	1.01	.07	.....	.....	.....	.40	.....	.....	.....	.....	.....	.....2
3...	.01	.02	.....	.....	.52	.94	.05	.....	.....	.....	.02	.....	.....3
4...	.03	.....	.06	.10	.....	.....	.17	.....	.....	.....	.07	.07	.....4
5...	.01	.....	.....	.....	.23	.23	.....	.....	1.21	.....	.02	.....	.....5
6...	.....	.05	.64	.05	.....	.....	.....	.....	.80	.....	.....	.....	.....6
7...	.....	.01	.01	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....7
8...	.....	.12	.78	.11	.04	.33	.05	.80	.13	.....	.....	.....	.....8
9...	.....	.....	.04	.68	.....	.70	.05	.18	.....	.....	.....	.30	.....9
10...	.15	.....	.08	.....	.....	.54	.....	.05	.....	.....	.....	.....	.....10
11...	.....	.18	.....	.08	.....	.16	.....	.03	.....	.....	.....	.17	.....11
12...	.03	.44	.20	.....	.....	.32	.....	.11	.....	.....	.....	.55	.....12
13...	.06	.29	.....	.....	.....	.15	.18	.09	.....	.20	.34	.....	.....13
14...	.....	.....	.35	.63	.15	.04	.....	.09	.13	.....	.13	.....	.....14
15...	.....	.....	.42	.....	.05	.....	.....	.....	.49	.....	.02	.74	.....15
16...	.03	.04	.....	.....	1.83	.58	.....	.....	.....	.....	.....	.....	.....16
17...	.....	.....	.....	.10	1.46	1.11	.03	.....	.....	.....	.07	.....	.....17
18...	.....	.....	.....	.04	.....	.03	.....	.....	.13	.....	.....	.....	.....18
19...	.....	.11	.....	.....	.....	.27	.....	.....	.....	.56	.....	.....	.....19
20...	.02	.....	.01	.....	.01	.....	.31	.....	.....	.....	.08	.....	.....20
21...	.....	.....	.06	.....	.02	.08	.32	.....	.....	.03	.05	.....	.....21
22...	.....	.01	.51	1.06	.01	.....	.25	.....	.....	.....	.35	.86	.....22
23...	.....	.09	.....	.31	.....	.....	.33	.27	.....	.....	.....	.....	.....23
24...	.....	1.15	.....	.06	.....	.....	.....	.01	.....	.....	.....	.01	.....24
25...	.....	1.63	.....	.13	.....	.38	.51	.01	.....	.20	.....	.....	.....25
26...	.03	.18	.....	.08	.....	.....	.12	.....	.....	.....	.....	.....	.....26
27...	.....	.....	.....	.53	.....	.....	.07	.01	.....	.....	.....	.06	.....27
28...	.....	.....	.....	1.12	.08	.....	.....	.74	.....	.....	.....	.02	.....28
29...	.....	.....	.....	.....	.03	.....	.....	.....	.22	.....	.09	.....	.....29
30...	.....	.....	.....	.....	.16	.....	.....	.....	.....	.....	.80	.....	.....30
31...	.02	.....	.....	.....	.....	.....	.26	.....	.....	.02	.....	.....	.....31
	1.22	5.37	3.37	5.14	4.59	5.86	3.13	2.30	3.11	1.01	1.94	2.91	

The average rainfall for Massachusetts, as deduced by the State Board of Health from long continued observations, is 44.63 inches. The rainfall at Reading Pumping Station in 1916 was 39.95 inches. There was an excess of rainfall in the months of February, April, May and June of 6.84 inches, and a deficiency in the other eight months of 11.52 inches, making a deficiency for the year of 4.68 inches.

TABLE SHOWING CONSUMPTION IN GALLONS FOR VARIOUS PURPOSES, 1916

Domestic use, manufacturing and trade purposes, metered . . . . .	55,708,925
Domestic use, unmetered (estimated) . . . . .	6,700,000
Drinking fountains (estimated) . . . . .	2,000,000
Street sprinkling (estimated) . . . . .	4,000,000
Total accounted for . . . . .	68,408,925
Amount unaccounted for . . . . .	20,899,812
Total pumped . . . . .	89,308,737
Percentage of water pumped accounted for . . . . .	.76
Percentage of water pumped unaccounted for . . . . .	.24
Percentage of water pumped metered . . . . .	.623

## COST OF MAINTENANCE AND REVENUE

	Amount	Cost per 1,000 gallons pumped
Interest on bonds . . . . .	\$6,060 00	.068
Management and repairs . . . . .	3,494 69	.038
Pumping Station maintenance . . . . .	3,571 77	.039
Filter maintenance . . . . .	3,472 07	.038
		Received per 1,000 gallons pumped
Receipts from water takers . . . . .		.199
Total receipts . . . . .		.27

COMMONWEALTH OF MASSACHUSETTS -- STATE DEPT. OF HEALTH  
WATER ANALYSIS -- (PARTS IN 100,000)

No.	APPEARANCE			Residue on Evaporation	AMMONIA		NITROGEN AS		Oxygen Consumed	Hardness	Iron			
	Date of Collection	Turbidity	Sediment		Color	Free	Albu- mi- noid	Chlorine				Ni- trates	Ni- trates	
1916														
129203	Feb. 15	Slight iron	Cons. iron	Fil.	.55	10.50	.0198	.0124	1.61	.0160	.0000	3.4	.250	Filter Gallery
129204	Feb. 15	Very slight	None		.30	17.60	.0016	.0092	1.63	.0089	.0015	8.0	.015	Filter Weir
130340	Apr. 25	Slight iron	Cons. iron	Fil.	.65	8.40	.0138	.0110	1.19	.0030	.0001	2.3	.150	Filter Gallery
130341	Apr. 25	None	None		.33	15.80	.0000	.0080	1.22	.0070	.0005	8.6	.020	Filter Weir
131387	June 20	Slight	Cons.		1.72	10.00	.0158	.0254	1.04	.0000	.0000	2.1	.230	Filter Gallery
131388	June 20	Very slight	Very slight		.75	20.30	.0004	.0164	1.06	.0040	.0007	11.0	.028	Filter Weir
132913	Aug. 29	Distinct iron	Cons. iron		1.00	12.00	.0248	.0210	1.96	.0010	.0001	3.0	.200	Filter Gallery
132914	Aug. 29	None	None		.45	17.50	.0028	.0140	1.94	.0200	.0000	13.5	.003	Filter Weir
134207	Nov.	Slight iron	Cons.	Fil.	.55		.0344	.0108	2.56	.0080	.0001	2.0	.120	Filter Gallery
134208	Nov. 13	Very slight	None		.20		.0008	.0084	2.36	.0160	.0000	8.6	.050	Filter Weir

## SUMMARY OF STATISTICS

FOR THE YEAR ENDING DECEMBER 31, 1916

In form recommended by the New England Water Works  
Association

## READING WATER WORKS

READING, MIDDLESEX COUNTY, MASSACHUSETTS

## GENERAL STATISTICS

Population by Census of 1915, 6,805.

Date of construction, 1890 and 1891.

By whom owned, Town of Reading.

Source of supply, filter gallery.

Mode of supply (whether gravity or pumping), pumping.

## PUMPING STATISTICS

1. Builders of pumping machinery, George F. Blake Manufacturing Co. and Platt Iron Works.

- |                                |   |   |
|--------------------------------|---|---|
| 2. Description of<br>fuel used | { | <ol style="list-style-type: none"> <li><i>a</i> Kind, coal</li> <li><i>b</i> Brand of coal, New River</li> <li><i>c</i> Average price of coal per gross<br/>ton, delivered, \$5.61</li> <li><i>d</i> Percentage of ash,</li> <li><i>e</i> Wood, price per cord, \$</li> </ol> |
|--------------------------------|---|---|

3. Coal consumed for the year, 515,962 lbs.

4. [Pounds of wood consumed] divided by three equals  
equivalent amount of coal                      lbs.

4*a* Amount of other fuel used

5. Total equivalent coal consumed for the year equals (3)  
plus (4)                      lbs.

6. Total pumpage for the year, 89,308,737 gallons, with allowance for slip.
7. Average static head against which pumps work, 219.
8. Average dynamic head against which pumps work, 240.
9. Number of gallons pumped per pound of equivalent coal (5), 170.
10. Duty equals  $\frac{\text{gallons pumped (6)} \times 8.34 \text{ (lbs.)} \times 100 \times \text{dynamic head (8)}}{\text{Total fuel consumed (5)}}$   
equals 34,646,032.  
*Cost of pumping, figured on pumping station expenses, viz:*  
\$3,571.77.
11. Per million gallons pumped, \$39.99.
12. Per million gallons raised one foot (dynamic), \$0.166.

# FINANCIAL STATISTICS

RECEIPTS		EXPENDITURES	
<i>Balance brought forward:</i>		<i>Water Works Maintenance:</i>	
(a) From ordinary (main- tenance) receipts .	\$162 62	AA. Operation (manage- ment and repairs)	\$10,851 55
(b) From extraordinary receipts(bonds,etc.)		CC. Total maintenance	\$10,851 55
Total . . .	\$162 62	DD. Interest on bonds . (CC plus DD)	6,060 00
<i>From Water Rates:</i>		EE. Payment of bonds	16,911 55
A. Fixture rates	\$17,775 74	<i>Water Works Construction:</i>	3,000 00
B. Meter rates . . .		GG. Extension of mains	2,107 00
C. Total from consumers	\$17,775 74	HH. Extension of services	3,518 97
D. For hydrants . . .	5,940 00	II. Extension of meters	347 94
E. For fountains . . .	150 00	JJ. New supply . . .	1,757 75
F. For street watering .	150 00	KK. Total construction .	7,731 66
J. Total from municipal departments . . .	6,240 00	MM. Balance . . .	236 35
L. From bond issue . .	2,060 00	(aa) Ordinary Total balance	
M. From other sources:			
Rent, interest, etc. . .	425 31		
Service pipes . . .	1,105 89		
Main pipes . . .	110 00		
N Total . . .	\$27,879 56		
		N Total . . .	\$27,879 56



# DISPOSITION OF BALANCE—CARRIED TO NEW ACCOUNT

O. Net cost of works to date . . . . .	\$366,199 39
P. Bonded debt at date . . . . .	147,000 00
Q. Value of Sinking Fund to date . . . . .	
R. Average rate of interest, 4 per cent. . . . .	

## STATISTICS OF CONSUMPTION OF WATER

1. Estimated total population at date, 6,855.
2. Estimated population on lines of pipe, 6,800.
3. Estimated population supplied, 6,750.
4. Total consumption for the year, 89,308,737 gallons.
5. Passed through meters, 55,708,925 gallons.
6. Percentage of consumption metered, .623.
7. Average daily consumption, 244,681 gallons.
8. Gallons per day to each inhabitant, 35.6.
9. Gallons per day to each consumer, 36.2.
10. Gallons per day to each tap, 143.5.
11. Cost of supplying water, per million gallons, figured on total maintenance (item CC), \$121.50.
12. Total cost of supplying water, per million gallons, figured on total maintenance, plus interest on bonds, \$189.36.

STATISTICS RELATING TO DISTRIBUTION SYSTEM  
MAINS

1. Kind of pipe, cast iron.
2. Sizes, from 6 inch to 12 inch.
3. Extended, 1,390.5 feet during year.
4. Discontinued, 0 feet during year.
5. Total now in use, 33.1949 miles.
6. Cost of repairs per mile, \$1.05.
7. Number of leaks per mile, 0.
8. Length of pipe less than 4 inches in diameter, 0 miles.
9. Number of hydrants added during year (public and private), 3.
10. Number of hydrants (public and private) now in use, 201.
11. Number of stop gates added during year, 3.
12. Number of stop gates now in use, 306.
13. Number of stop gates smaller than 4 inch, 0.
14. Number of blow-offs, 14.
15. Range of pressure on mains, 45 lbs. to 90 lbs.

## SERVICES

16. Kind of pipe, cast iron, galvanized iron, lead and cement lined.
17. Sizes, 3-4 to 6 inches.
18. Extended, 4,516.3 feet.
19. Discontinued, 253.8 feet.
20. Total now in use, 25.9338 miles.
21. Number of service taps added during year, 47.
22. Number now in use, 1705.
23. Average length of service, 1916, 96 feet.
24. Average cost of service for the year.
25. Number of meters added, 32.
26. Number now in use, 1596.
27. Percentage of services metered, 93.6.
28. Percentage of receipts from metered water (B) divided by (C)
29. Number of motors and elevators added, 0.
30. Number now in use, 0.

LEWIS M. BANCROFT, Superintendent.



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Annual Report

OF THE

SCHOOL COMMITTEE

OF THE

TOWN OF READING

For the Year Ending December 31

1916

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## SCHOOL COMMITTEE

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WALTER S. PARKER, Oh., 56 Walnut St.	Term expires 1917
WILLIAM R. CLARKE, 57 Howard St.	Term expires 1917
ARTHUR N. MANSFIELD, 107 Woburn St.	Term expires 1918
MRS. ELIZABETH H. BROWN, 83 Prospect St.	Term expires 1918
MRS. IDA A. YOUNG, 86 Woburn St.	Term expires 1919
JESSE W. MORTON, 114 Woburn St.	Term expires 1919

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### Superintendent of Schools

ADELBERT L. SAFFORD, 78 King St. Tel. Reading 170

#### OFFICE

High School, hours 8.30 to 9.30 A. M. Tel. Reading 181-W

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### Secretary to Superintendent

GLADYS A. KILLAM, 15 Locust St. Tel. Reading 55-M

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### Truant Officer

WILLIAM KILLAM, 15 Locust St. Tel. Reading 55-M

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### Medical Inspector

E. DALTON RICHMOND, M. D., 24 Woburn St. Tel. Reading 259

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### Janitors

HIGH SCHOOL, Clement Gleason . . .	64 Orange St.
HIGHLAND SCHOOL, Jesse N. Hutchinson .	20 John St.
CENTRE SCHOOL, Clement Gleason . . .	64 Orange St.
UNION ST. SCHOOL, Clement Gleason . . .	64 Orange St.
LOWELL ST. SCHOOL, Sylvanus Thompson .	167 Lowell St.
PROSPECT ST. SCHOOL, Geo. N. Hutchinson	246 Summer Ave.
CHESTNUT HILL SCHOOL, Earle Sewell . .	47 Hopkins St.
HIGH SCHOOL MATRON, Mrs. Ara A. Pratt .	29 Orange St.
GROUARD HOUSE, Charles H. Stinchfield .	20 Highland St.

## ORGANIZATION OF SCHOOL COMMITTEE

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WALTER S. PARKER, Chairman

ADELBERT L. SAFFORD, Secretary

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### Sub-Committees

#### FINANCES AND ACCOUNTS

A. N. Mansfield                  W. R. Clarke                  J. W. Morton

#### BOOKS AND SUPPLIES

J. W. Morton                  Mrs. Ida A. Young                  W. S. Parker

#### SCHOOL HOUSES AND PROPERTY

A. N. Mansfield                  J. W. Morton                  W. R. Clarke

#### RULES AND REGULATIONS

Mrs. Elizabeth H. Brown          W. R. Clarke          A. N. Mansfield

#### TEACHERS AND SALARIES

W. R. Clarke                  W. S. Parker                  J. W. Morton

#### MUSIC AND DRAWING

Mrs. Ida A. Young          J. W. Morton          Mrs. Elizabeth H. Brown

#### COURSE OF STUDY

W. R. Clarke                  Mrs. Ida A. Young                  J. W. Morton



## REPORT OF SCHOOL COMMITTEE, 1916

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### TO THE CITIZENS OF READING:

The School Committee would respectfully submit the following report of the work in the schools of Reading for the year 1916.

We have not attempted any new projects during the present year, but have endeavored to perfect the work which we began last year.

The response of the pupils to new work in the different departments has been very gratifying.

We would call your attention to the various reports appended to this report as worthy of careful perusal by the citizens and friends of education in our town.

The school work of the boys and girls in most cases calls for hearty commendation. In all of the work in the different departments of the school, the aim and purpose of education is constantly in mind. It is to enlarge the pupil morally, mentally and physically. A well known writer has said, "The very highest products of man's life in the world are his ideas and ideals; they grow out of his highest nature; they react on his character; they are the precious deposit of all that he has thought, felt, suffered, and done in word and work, in feeling and action."

The education needed in a free country is the development of the efficiency of each individual. By thus developing his efficiency, the joy of living is increased. Upon reflection everyone must admit that the one great source of all private and public happiness is efficiency. The capacity of power that we each possess, that capacity is our true happiness, the exercise of it, our true enjoyment and in efficiency, of course, is included health, productiveness and

serviceability. What is the basis of the efficiency? The development of the will power. When the schools have done all that they can do, the work will be incomplete and unsatisfactory unless the home can be rehabilitated as a means of education.

It is encouraging to note that increasing efforts are being made through the formation of parents' associations to bring the schools and the home together for the study of common problems and for mutual cooperation in child training. This should result in a more appreciative attitude on the part of parents and in more sympathetic relations between teachers and their pupils.

In our schools we are striving to train for productive thinking, which will result in efficient working, which will produce right living, the final end of all true education, culminating in high character.

Appended to this report will be found a detailed statement of the receipts and expenditures for 1916, together with the estimates for 1917 and the letter of explanation addressed to the Town Finance Committee. The whole amount required for 1917 is \$64,885, of which \$460 is to pay a deficit of 1916, leaving \$64,428 for the maintenance of the schools in 1917. The estimated receipts for 1917 are \$4,750, and if appropriated to the use of the schools should be deducted from the above amount. The expenditures for 1916, including the deficit, were \$57,341.12. The amount required for 1917 is an increase of about \$7,100. Of this amount, \$4,125 is for teachers' salaries; \$1,800 for additional teachers employed in 1916 from September only; \$1,225 is for increased salaries as per schedule, taking effect in 1916 from September only; \$1,100 is for increased salaries, taking effect in September, 1917, as per schedule; \$1,000 is for increased cost of apparatus and supplies, due to high prices and to some special needs for apparatus; \$800 is due to increased prices of coal; \$500 to increased cost of transporting pupils; and \$700 to various items in which the prevailing high prices are the principal factor. These estimates are very close, especially on coal. Some of the Com-

mittee felt that \$500 more ought to be requested for this item, considering the present state of the market.

The members whose terms expire in 1917 are William R. Olarke and Walter S. Parker.

Notwithstanding the new rooms provided in 1916, every room in the Town is now occupied except one at the Lowell Street School. The Prospect Street School has nearly every seat filled.

WALTER S. PARKER, Chairman,  
For the School Committee.

## REPORT OF SUPERINTENDENT OF SCHOOLS, 1916

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TO THE HONORABLE, THE SCHOOL COMMITTEE OF READING, MASS. :

LADIES AND GENTLEMEN—The year of 1916 has been an unusually active one in the schools. The increased number of pupils rendered imperative the opening of new rooms. The plan of reorganization adopted last year required that the pupils should be provided with schools near their homes until they had completed the sixth grade. With these two ends in view, the Prospect Street Schoolhouse was enlarged by the addition of two rooms; the Lowell Street Schoolhouse was finished in the second story, affording two additional rooms of which one was occupied, and the Chestnut Hill School was enlarged by opening a second room. School facilities were further increased by the enlargement of the High School Biological Laboratory, by the purchase of a lot of land as an addition to the grounds of the Highland School, and by the relocation of the Grouard House on a lot opposite the Highland School on School Street. The Union Street Schoolhouse and the trimmings of the High Schoolhouse were painted. The High School assembly hall and the library were re-tinted. Shrubbery was planted around the front of the Lowell Street Schoolhouse. The opening of two new rooms at the Prospect Street School, one new room at the Lowell Street School, and one new room at the Chestnut Hill School completed the reorganization under the new plan which contemplates an elementary school composed of grades 1 to 6 in each district, a central Intermediate or Junior High School composed at present of grades 7 and 8 to which eventually probably the ninth grade will be added, and a central Senior High School with academic, commercial and agricultural courses. The Junior High School is now in its second year. Its success has surpassed expectations. Less difficulties than were anticipated have developed

in organizing the program, in the adaptation of modern languages, typewriting, and business practice to the interests and capacities of pupils from 12 to 15 years of age and in the re-adjustment at school and at home occasioned by the establishment of a six hour school day, the abolishment of required home study, the introduction of daily double periods of Manual Training and Household Arts, and full periods of 45 minutes on the playground for the classes in physical culture. Pupils have manifested a sustained interest in the new subjects and an ability to handle them successfully. Those entering the High School after one year of Junior High School work seemed decidedly in advance of previous entering classes not only in those subjects in which they had made a beginning in the Junior High School, such as German, Spanish, and Commercial branches, but also in the other High School subjects. This improvement appears to be due to two causes. First, the spirit and methods of the Junior High School depart widely from those of the first six years, comprising the elementary grades, in which the activities of the pupils are minutely ordered under the constant supervision of the teacher. Personal responsibility, self-reliance, and individual initiative are developed in the Junior High School so that pupils find the transition to the Senior High School a natural and easy step. The second reason for the marked improvement shown by the Junior High School pupils is the fact that in their course of study they are dealing more largely with the concrete beginnings of interesting and worth-while branches such as a foreign language, typewriting, general science and Industrial and Household Arts, instead of the advanced and abstract aspects of technical grammar, arithmetic, geography and history. Therefore, their minds become more alert, their interest keener, and their efforts more spontaneous and vigorous than was the case when the old grammar school course of study was pursued.

The Junior High School is no longer an experiment. Towns and cities in all directions are hastening to adopt it and all that have already done so are enthusiastic in its praise. The six hour day adds an important aid to its suc-

cess. The question of the particular grouping of grades is relatively unimportant and should be determined by local conditions. Probably the six years elementary, three years Junior High, and three years Senior High, is theoretically the best arrangement but the six-two-four plan or the six-six plan gives practically the same results and should be preferred if the buildings or personnel of the teaching corps favor it. Before many years the growth in Reading will require a new building for the Center district elementary school or else the establishment of a new district. When that time comes, the fifth and sixth grades would naturally be withdrawn from the Highland building, which would then be devoted exclusively to the Junior High School. In that event, the ninth grade might be taught in that building and thus make more room in the Senior High School. We should then have the six-three-three plan instead of the six-two-four plan as at present. Considerable progress has been made this year in revising the content of the subjects in the course of study in all grades but particularly in the Junior High School. Nature study in the old curriculum has been expanded into Applied Science. This is also called General Science because lines are not sharply drawn between physics, chemistry, biology, and other sciences but an effort is made to lead the pupil to interpret in scientific terms the familiar phenomena of his environment. In this, he is encouraged to study projects of his own choice and to apply the knowledge gained to his own or his home needs. A room at the Highland School has been fitted up as a laboratory with twenty-six wall benches for individual pupils and a central group of chairs and desks for forty-two pupils. There is also a teacher's science lecture table and sinks, gas and electricity. A set of six hundred stereoscopic views has been added to the equipment for teaching geography. This apparatus was paid for by the pupils of the school, partly by money won in prizes for the school gardens exhibition at the Quannapowitt Fair and partly from the proceeds of the school concert. We hope to have an electric lantern soon. In the Spanish Classes in the Junior High School much dramatized work has been done in which pupils impersonate



the waiter and customer in a restaurant, the sales person and customer in different kinds of stores, the traveler purchasing a ticket and other personalities in every day life.

In the Primary Grades, the Progressive Road to Reading has been extended from the one room where it was tried out to all the rooms of the town and six lectures have been given to the teachers on the proper methods of teaching this system. One lecture was given by a teacher from Worcester, another by a teacher from Chelsea and four lectures were given by Prof. Riley of the Lowell Normal School. The teachers of the first six grades have also received four lectures on the teaching of Penmanship: one by Mr. Doner of the Salem Normal School and three by Mr. Clark of Melrose, author of a series of exercise books which we are using in the schools.

The Superintendent has also given a series of talks on the teaching of Arithmetic. The Wentworth-Smith Essentials of Arithmetic were adopted for use in the schools and have been supplied in part.

In the High School, courses in Advanced Physics and Advanced Chemistry have been carried on with greatly increased numbers and new text-books have been introduced. More apparatus, particularly in Physics, is an immediate necessity. The work of the first two years in Science in the High School has been thoroughly revised this year. The Freshman year is devoted to Applied Biology and the Sophomore year to Applied Physics and Chemistry. New text-books in all of these subjects have been introduced and two double periods of laboratory work each week have been arranged for the Sophomore Classes. The Freshman Course is about equally divided between plant, animal and human life and is made very practical. The Sophomore year is equally divided between the Physics and the Chemistry of Common Things. More apparatus is needed for these courses.

The Commercial Department of the High School has been improved by the systematic use of music from the victrola for rhythm and speed work in typewriting and penman-



ship. Special efforts are being made to raise the standard of speed in typewriting.

The Agricultural Department has had a very successful year with a maximum attendance. Details of this work will be found in the special report of the instructor.

Debating has assumed a more prominent place in the High School but there is need of a more general participation than at present. Some means should be devised for giving every pupil in the school practice in speaking or declaiming before an assembly.

The Town voted last year to furnish free transportation for pupils in the Junior High School. This whole subject of transportation has been systematized. Regular applications must be signed by parents before tickets are given. A larger number than formerly is in attendance from Havverhill Street. They are carried by automobile.

Several pupils entered college by certificate last year. In general, pupils are advised to take the College Entrance Board examinations but certificates may be given, provided the pupil's rank in all subjects is sufficiently high to warrant it.

The teaching of millinery has been introduced in connection with the work in sewing and dressmaking. Miss Mary Yaffee, a graduate of the Massachusetts Normal Art School, has entire charge of the work in drawing, sewing and millinery.

Owing to the increased cost of the schools occasioned by the new salary schedule and by the high prices of supplies, apparatus and text books, it has seemed best not to recommend any expansion of our existing courses and activities at the present time. Nevertheless, it may serve a useful purpose to here record some of the present needs of the Reading schools. This may seem a rather formidable list, but the suggestions for buildings and grounds are obvious necessities for the near future and the other features suggested are all more or less common in near-by towns.

1. An evening school to include English for foreigners, Common branches, Commercial branches, Agriculture

and possibly some modern languages such as Spanish and French, and Industrial Training. Instruction in trade schools for men and women is provided for by payment of tuition for those attending in State Industrial Schools in Boston or elsewhere. Instruction in Sewing, Millinery and Household Arts may be obtained free at the State Industrial Evening School at Wakefield. Thirty-five of the thirty-six cities of the Commonwealth maintain evening schools and forty-five of the sixty-eight towns of over 5,000 population do the same. Reading is one of the twenty-four that do not maintain evening schools.

## 2. Improvements to Buildings and Grounds:

- (a) Retaining wall, grading and shrubs for the Litchfield lot in the rear of the Highland School; also shrubs and path to School Street in the rear of Highland School grounds, as recommended by landscape architect from Massachusetts Agricultural College.
- (b) Retaining wall, steps and shrubs in the rear of High School grounds.
- (c) Extensive plantings of shrubs at Lowell Street School grounds, as recommended by landscape architect from Massachusetts Agricultural College and shown in plans of J. Woodward Manning.
- (d) Grading, fence and shrubs at the Chestnut Hill School grounds; also retinting walls of schoolrooms.
- (e) Retinting certain schoolrooms at Highland School.
- (f) Providing cellar drain and improving toilets at Lowell Street Schoolhouse.
- (g) Enlarging vent ducts, enclosing fire exit from second story, and erecting smoke partition in corridor at Union Street Schoolhouse, as requested by the State Inspector of Schoolhouses. Also planting of shrubbery on grounds,

as suggested on plans prepared by J. Woodward Manning.

- (h) New heating and ventilation system for the Center Schoolhouse and erection of smoke partition, as requested by the State Inspector of Schoolhouses. Also improvement of grounds and planting of shrubbery, as suggested on plans prepared by J. Woodward Manning.

3. Printing outfit for the Junior High School, new Manual Training benches, motor driven saw table, lathe and forge.

4. Furnishing Grouard House :

- (a) Dining room : table, chairs, linen, dishes, side-board and serving table.
- (b) Reception room : desk, chairs, table, rug and center table.
- (c) Sick room : hospital bed and bed clothing, table, chairs, medicine and instrument closet, supplies. Dental clinic might be included in this outfit.

5. Course in Industrial or Manual Training for High School boys not in the Agricultural Course. This would require a new teacher, but present shop used by Agricultural pupils might be used at least in part.

6. Course in Salesmanship for High School. A large number of girls every year become sales persons in Boston or suburban stores. Ten Boston High Schools and many suburban High Schools have introduced this course. A specially trained teacher is required, however, as well as actual practice in a store.

7. School Nurse to inspect the school children and teach the older girls home nursing and care of babies.

During the year 1916, the schools lost the services by retirement of Miss Annie B. Parker as Supervisor of Drawing. Miss Parker retired voluntarily after a service of many years while her work was still in its full vigor and of the highest standard of excellence. Pupils, teachers, superin-

tendent and committee alike regretted her decision to relinquish her position. The fact that Miss Parker had done most of her work in her native town tended to limit her fame as a supervisor, but no less an authority than Henry Turner Bailey, lecturer and editor of the *School Arts Magazine* and for many years State Supervisor of Drawing, has testified that Miss Parker's work was among the best in Massachusetts or anywhere in the United States. Reading owes her a debt that it cannot repay.

Among the teachers that left Reading in 1916 were Harry R. Howe, who went to the Newton High School; Miss Frances M. Brooks, who became a teacher at the Salem Normal School; Miss Anita Vale, who accepted a position in the High School of East Orange, New Jersey. Miss Mabel P. Williams left the Highland School and accepted a position in Everett. Miss Evelyn Williams was married. Miss Eunice Bancroft resigned after several years of service as teacher of sewing. Ernest M. Leland resigned as teacher of Manual Training on account of ill health. Miss Florence G. Nichols accepted a position in New York at a considerable increase in salary. Miss Myrtle D. Wells resigned after several years of service as Secretary and a short experience as teacher of typewriting and is devoting herself to the teaching of music.

Thanking the Committee for their advice and co-operation, I am,

Very respectfully yours,

ADELBERT L. SAFFORD, Superintendent.

## REPORT OF INSTRUCTOR IN AGRICULTURE, 1916

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MR. ADELBERT L. SAFFORD, Superintendent of the Schools of Reading:

DEAR SIR—I herewith submit this, my second annual report, as Instructor in Agriculture for the period from March 6 to December 8, 1916.

The department opened with twenty-seven and closed with twenty-two pupils, the average membership being twenty-six. Twenty-six pupils carried projects thru the season. The towns of North Reading, Wilmington, Stoneham, Wakefield, Medford and Reading were represented in the membership.

The method of instruction followed during the year was similar to that of last year, namely, a division of the boys into two classes, each having a half day in Agriculture, text book work occupying one-third and laboratory and project study two-thirds of each day. For a full account of instructional methods, as prescribed by the State Board of Education, see pages 34 and 35 of the annual report of the School Committee of Reading for 1915.

The subject of this year was Animal Husbandry, which embraced the intensive study of horses, cattle, sheep, swine and poultry, proper emphasis being paid to local stock problems. Of these, poultry and dairy cattle occupied the major part of the time. Since successful farm management demands close attention to details and possible leaks, much time was spent in studying methods of reducing unit costs, increasing stock unit returns, more economical feeding of farm animals and a better use of the by-products of the farm. Several weeks were spent in the close study of milk, its production, care, testing and marketing. Illustrated lectures and laboratory exercises on the different phases of Animal Husbandry were many and varied.

The equipment that has been added during the year includes four desks, an electric incubator from which three successful hatches were taken, sediment milk tester, pasteurizing outfit, small churn, transit, compass, level, target, rods and chain and twenty-five reference books. The laboratory has been fitted with double shades, making possible the frequent use of the school lantern.

The projects carried in 1916 numbered seventy-one, an increase over last year of eighteen. This shows an average of nearly three projects per pupil. These seventy-one projects were distributed as follows:

Gardening—Sixteen boys carried from one-fiftieth to one and three-quarters acres.

Corn—One boy had an area of one acre.

Potatoes—Five boys had areas ranging from one-fortieth to one-fourth acre.

Poultry—Ten boys had from eight to forty-five birds. One boy had the daily care of upwards of two thousand chicks and three hundred hens. Another had the care of seventy-five prize birds belonging to a neighbor.

Swine—Five boys carried from one to twenty-one hogs, two having the latter number.

Dairying—Sixteen boys had from one to eighteen cows, or a total of seventy-eight animals. Six boys had sole charge of producing and retailing the milk of thirty-eight cows.

Farm Work—Eighteen boys did regular farm work during the year, twelve on the home farm and six on neighboring farms at remunerative wages.

The value of the work may be partially shown from the financial results. Since the weather conditions and prices of 1916 were very favorable, the results when taken alone, or when compared with those of 1915, show gratifying returns. Twenty-eight boys in 1915 earned \$2150.27, or an average per boy of \$76.79. Twenty-six boys in 1916 earned \$4501.13, or an average per boy of \$173.13. Other interesting comparisons of the total project business follows:



Item	1915	1916	Increase
Inventories . . . .	\$2,906 80	\$3,208 06	\$301 26
Total expenses (project)	3,449 06	6,109 47	2,660 41
Paid self for labor . .	318 90	786 33	467 43
Paid family for labor . .	283 93	899 27	615 34
Paid for rent, seed, feed	604 73	1,637 95	1,033 22
Total receipts (project)	3,828 34	6,816 50	2,988 16
Received for home farm work . . . .	745 20	1,665 26	920 06
Received from farm work away from home . .	204 61	910 41	705 80
Received from non-farm work . . . .	322 88	332 50	10 12
Total cash earned not including projects . .	791 50	1,398 70	607 20
Grand total earnings . .	2,150 27	4,501 13	2,350 86
Average earnings per pupil . . . .	76 79	173 13	96 34

The ten leaders of 1915 and 1916 earned in cash and credit the following amounts:

1915	1916	1915	1916
\$355 37	\$470 21	\$113 56	\$257 62
180 00	408 87	111 87	228 12
179 13	399 49	104 26	203 86
172 09	362 49	88 95	200 00
164 74	317 50	86 83	184 15

These figures convince one that the department of Agriculture is filling a decided want in our school system. The work connects live boys with actual farm problems and aids him in their successful solution. A few have failed in the work, as would be expected, but in these failures valuable lessons have been learned. The success of one young man may be mentioned: In 1915 this particular town boy, then fifteen years of age, with less than a half-acre of land, ran his own dairy of three cows and delivered the milk on foot and bicycle. Early in 1916 the cows were increased to



seven and an auto was added for the delivery. At the present time his cows number fifteen and the business is carried on a sixty acre farm.

In the course of the year the instructor has made three hundred and eleven inspections of projects and nearly sixty demand calls on farmers. Two weeks were spent at Amherst.

The work has been visited by many educators, including Deputy Commissioner Small and Mr. Rufus W. Stimson of the State Board of Education, Professor Davis of Miami University and Professor O. H. Lane, Chief Specialist of Agricultural Education of the U. S. Department of Agriculture.

I wish to thank you for the continued interest and untiring support you have given the department during the year. Teachers, parents and pupils have also shown splendid co-operation for which I thank them.

Respectfully submitted,

JOHN G. POWERS,

Agricultural Instructor.

READING HIGH SCHOOL

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# Graduation Exercises

CLASS OF  
.. 1916 ..

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HIGH SCHOOL HALL

WEDNESDAY EVENING, JUNE TWENTY-EIGHT  
SEVEN-THIRTY

Prayer by Rev. Frank M. Holt

Overture . . . . . The Crusader

1 Double Salutatory

\* HILDA SYMONDS  
(Excused from Speaking)

1 In Quest of a Mirage

\* MILDRED SUSAN MOSES

2 One Phase of It

† JOHN ERIC TURNER

Soldiers' Chorus from the Opera "Faust"

HIGH SCHOOL CHORUS

3 Methods of Recording Speech

‡ GLADYS ABBOTT KILLAM

One Fleeting Hour . . . . . Lee

Arranged for Cornet and Strings

4 From the Mad Hatter to Lancelot Gobbo

† MARION AUDREY FOWLE

5 The House of Darkness

‡ DANIEL JOSEPH DESMOND

Lovely Night, from the Opera "The Tales of Hoffman"

HIGH SCHOOL CHORUS

6 The Farm of the Future

\* MELVIN LESTER PARSONS, JR.

Conferring of Diplomas, WALTER S. PARKER, Chairman of School Board

Benediction by Rev. D. Augustine Newton

Director of Music . . . . . ARTHUR HAROLD TOZER

Accompanist . . . . . ALBION E. METCALF

\* Scholarship Honors

† Class Honors

‡ Faculty Honors

## CLASS OF 1916

1	John Burke	Grace Littlefield
	Norman Lester Butler	Faith Marguerite Livingstone
	Norman Paige Charles	Irma Frances McDavitt
	Gladys Gertrude Cloudman	Mildred Susan Moses
2	Paul Joseph Cummings	Joseph Bernard Murray
3	Albert Kenneth Dane	Mary Elizabeth Nickerson
4	Daniel Joseph Desmond	Grace Jane O'Kelly
	Maurice Henry Donegan	Harold Lawrence Owen
	Grace Evangeline Flint	Melvin Lester Parsons, Jr. 6
	Carrie Elizabeth Foley	Olive R. Pierson
	Ruby Marion Forbes	James Patrick Riley
	Marion Audrey Fowle	Janet Henry Robinson
	Whitman I. Freeman	Mary Elizabeth Robinson
	Margaret Elizabeth Galvin	Harry Leonard Sawyer 7
	Annie May Gibbons	Harriett Gertrude Seaman
	Dorothy Graff	Rowland Rawson Shepardson 8
	Leland Sprague Graff	Chesley George Stevens 9
	Isabel Margaret Granfield	Hilda Symonds
	Mildred Elizabeth Harrison	Evelyn Harding Thomas
	Helen Henderson	Gertrude Alice Turner
	Alice Bosson Herbolzheimer	Harold L. Turner
	Harold Leslie Hill	John Eric Turner 10
5	Leroy Carroll Hutchinson	Louis Edwin Whitechurch
	Gladys Young Johnstone	Barbara Winship
	Gladys Abbott Killam	

PUPILS GRADUATING FROM HIGHLAND SCHOOL  
JUNE, 1916

BOYS

Ainsworth, Donald M.  
Bacigalupo, Louis  
Ballou, Grover  
Bangs, Melvin C.  
Beecher, Cedric U.  
Benton, Philip W.  
Bond, Joseph A.  
Brackett, Herbert C.  
Briggs, Donald H.  
Brown, William C.  
Buck, Richard C.  
Burke, Dion  
Burke, William H.  
Cahill, George C.  
Carney, Bartholomew  
Christiansen, Percy C.  
Cummings, Charles L.  
Outcliff, Walter F.  
Dalton, Curtis  
Dillaway, Newton L.  
Dulong, Arthur L.  
Edwards, Chester F.  
Evans, Norman H.  
Esner, Arthur L.  
Frotten, F. Edward  
Geary, John E.  
Henderson, William A.  
Herbolzheimer, William A.  
Hodson, Arthur Edward  
Holt, Kendrick  
Johnson, Ivar A.  
King, Roy A.  
Kennard, Walter  
Lane, John E.  
Lang, E. Kenneth  
Langdon, Arthur E.

GIRLS

Andrews, Grace C.  
Boudreau, Emma M.  
Coakley, Helen  
Collins, Ethel M.  
Currell, Helen  
Dewey Elizabeth M.  
Desmond, Catherine  
Donegan, Alice M.  
Doran, Margaret A.  
Fenerty, Catherine  
Gallant, Alice J.  
Gauthier, Rose  
Glidden, Madeline E.  
Griffin, May A.  
Haag, Claire R.  
Heselton, Lillian G.  
Hobson, Madeline F.  
Hutchinson, Emily  
Ingalls, Helen R.  
Kennedy, Helen K.  
LaLonde, Manola K.  
Legro, Carrie I.  
Libby, Madelaine  
Litchfield, Muriel  
MacDougall, Marion P.  
MacLeod, Marjorie A.  
Meuse, Margaret L.  
Murray, Elizabeth  
Parker, Eleanor F.  
Pierpont, Dorothy A.  
Porter, Margaret F.  
Prescott, Hazel J.  
Quimby, Gertrude  
Quimby, Marjorie  
Ransom, Margaret S.  
Riley, Beatrice

## Boys

Legro, Chester G.  
Libby, Allen Arthur  
McCaughy, Raymond A.  
McLeod, Everett W.  
Meekins, Eldon E.  
Meuse, Andrew  
Meuse, Charles  
Meuse, Melbourne  
Mills, Grant B.  
Moran, Harold W.  
Moulton, Louis S.  
Murray, Thomas O.  
Nealey, Harold  
O'Kelly, Charles W.  
Parsons, Francis B.  
Patrick, Donald T.  
Pheney, Roderick  
Pritchard, Aaron F.  
Quinlan, James J.  
Rogers, Harold M.  
Sargent, Ralph E.  
Savage, Bradford  
Schwarz, John L.  
Sias, Howard M.  
Spillane, Timothy  
Stratton, Willard E.  
Thornton, Edward  
Upton, John B.  
Walsh, Herbert  
Wight, Percival

## Girls

Sewell, Emmeline  
Smith, Mona I.  
Thompson, Helen M.

TEACHERS IN SERVICE, DEC. 31, 1916, WHERE EDUCATED, YEAR WHEN APPOINTED  
ALSO ENROLLMENT FOR FOUR MONTHS ENDING DECEMBER 1916

School	Grade	Teachers	Where Educated	Year When Appointed	Salary	Total Enrollment	Average Membership	Average Attendance	Per cent. of Attendance
High	IX-XII	A. L. Safford, Principal and Supt.	Bates College.	1913	\$3000	329			
		Agnes M. Glinore, Asst. Principal.	Boston University.	1910	1200				
		Helen R. Abbott	Mt. Holyoke College	1915	1000				
		Elizabeth M. Batchelder	Salem Normal	1916	750				
		Louise A. Berthold	Tufts College.	1914	850				
		Marion Corliss.	Wellesley College.	1913	800				
		E. Frances Greenhalgh	Bay Path Institute.	1914	750				
		Florence B. Hayes.	Vermont University	1916	850				
		Alfred E. Humphries.	Dartmouth College.	1916	1000				
		Allan J. Keaney	Bates College.	1916	1100				
		Alice M. Lombard	Bay Path Institute.	1907	1000				
		Ruby Mansfield	Salem Normal School.	1916	600				
		Josephine M. Minihan.	Radcliffe College.	1913	800				
		John G. Powers	N. H. State College.	1915	2100				
		Helen M. Purnell	Vassar College.	1915	750				
		Vera Young.	Mt. Holyoke College.	1915	850				
		Alice Barrows, Principal	Bridgewater Normal	1880	1200				
		Emma S. Page, Assistant	N. H. State Normal	1899	800		38.	35.5	93.3
		Alice E. Hood	Concord Training School.	1905	750		41.	37.8	92.4
Highland	Sen. Inter. " " Jun. Inter. " " " " Inter. " " " " VI " " V	Fannie C. Whittemore	N. H. State Normal, Hyannis.	1902	750		39	36.9	85.4
		Sadie V. Johnstone.	Farmington, Me., Normal	1911	675		41	37.2	85.2
		Helen A. Eldridge.	Boston University.	1916	650		40	39.2	87.5
		Dora G. Martin.	N. H. State Normal.	1916	700		35	34.1	81.8
		Chester E. Chase, Manual Training	Sloyd Training School, Boston.	1916	800				
		H. Shirley Martin, Domestic Science	School Domestic Science, Boston.	1916	650				
		Alma Porter, Physical Training	Sargent Sch., Physical Train.	1916	600				
		Ethel M. Reed	Farmington, Me., Normal	1913	625		38	34.	94.4
		Mabel I. Mathewson	Fitchburg Normal.	1912	650		39	37.5	93.8
		Marjorie O. Symmes.	Boston Normal	1913	625		44	42.8	94.3
		Dorothy M. Carlisle	Concord Training School	1911	650		43	40.7	87.8
		M. Grace Wakefield, Principal	Salem Normal.	1890	725		43	41.7	91.6
		Vera Buckle	Boston University.	1915	550		42	39.3	87.7
		Alda L. Parker	Westfield Normal	1914	650		30	28.4	25.4
		Emily Searway	Washington, Me., Normal.	1913	600		38	35.4	88.6
		Phoebe M. Doran.	Salem Normal	1913	600		37	35.6	83.3
		Joyce L. Fielder.	Salem Normal.	1908	650		42	39.8	87.4
Centre	III " " II " " IV " " III								



TEACHERS IN SERVICE, DEC. 31, 1916, WHERE EDUCATED, YEAR WHEN APPOINTED  
ALSO ENROLLMENT FOR FOUR MONTHS ENDING DECEMBER 1916—(CONTINUED)

School	Grade	Teachers	Where Educated	Year When Appointed	Salary	Total Enrollment	Average Membership	Average Attendance	Per cent. of Attendance
Union St. ....	I. ....	Anna P. Reid, Principal.	Reading High .....	1884	\$725	35	29.1	26.3	90.3
" " .....	II. ....	Ethel J. Bent .....	E. Greenwich High. ....	1911	650	40	36.3	34.3	94.5
" " .....	I. ....	Marion H. Morgan .....	Bridgewater Normal. ....	1904	675	32	29.6	27.2	91.8
" " .....	I. ....	Mabel A. Porter .....	Rust Kindergarten .....	1911	650	32	26.6	24.5	92.1
Prospect St. ....	I. ....	Helen G. Quinlan .....	Salem Normal. ....	1915	550	37	32.1	27.96	86.11
" " .....	II. ....	Ada E. Dow, Principal. ....	Lowell Normal. ....	1909	725	26	24.45	21.47	86.75
" " .....	III. ....	Ada E. Dow .....	Lowell Normal. ....	1909	..	24	23.31	21.34	92.07
" " .....	IV. ....	Eleanor F. Emerson .....	Salem Normal. ....	1915	675	27	26.39	23.44	88.82
" " .....	V. ....	Eleanor F. Emerson .....	Salem Normal. ....	1915	..	15	14.33	12.91	90.09
" " .....	IV. ....	Olive S. Perry .....	Whelock Training. ....	1916	600	31	30.2	28.4	93.7
Lowell St. ....	I-II. ....	Caryl M. Porter .....	Rust Normal. ....	1911	650	43	41.4	37.6	89.9
" " .....	III-IV. ....	Hannah B. Sargent, Principal. ....	Castine Normal. ....	1914	675	38	38.	37.4	98.4
" " .....	V-VI. ....	Annie W. Quillen .....	Salem Normal. ....	1916	500	24	23.	21.92	95.
Chestnut Hill. ....	I-II-III. ....	A. Isabelle Parker, Principal. ....	Dean Academy. ....	1911	650	27	26.3	24.4	93.2
" " .....	IV-V-VI. ....	Margaret Whittier. ....	Salem Normal. ....	1916	500	24	22.9	22.1	96.5
Supervisors	Drawing. ....	Mary N. Yaffee .....	Mass. Normal Art. ....	1916	600	..	..	..	..
" " .....	Music. ....	Arthur H. Tozer, Music. ....	.. .. .	1910	600	..	..	..	..

LIST OF JANITORS WITH THEIR SALARIES,  
DECEMBER 31, 1916

		(Per week)	
High Center Union St. }	Clement Gleason . . .	\$28 00	\$1,456 00
Highland—	Jesse N. Hutchinson . . .	18 00	936 00
High—	Mrs. Ara Pratt . . .	10 00	520 00
		(Per month)	
Lowell St.—	Sylvanus L. Thompson . . .	20 00	240 00
Prospect St.—	George Hutchinson . . .	20 00	240 00
Chestnut Hill—	Earle Sewell . . .	12 00	144 00
Grouard House—	Chas. H. Stinchfield . . .	6 25	75 00

OTHER SALARIES

E. Dalton Richmond, M. D., Medical Inspector	\$200 00
William Killam, Truant Officer and Census Enumerator . . . . .	150 00

REPORT OF TRUANT OFFICER, 1916

Number of absences reported to me . . . . .	33
Number found to be truants . . . . .	18
Number reported by parents as ill . . . . .	2
Number kept out by parents to work or otherwise . . . . .	10
Number reported insufficiently clad . . . . .	3

Respectfully submitted,

WILLIAM KILLAM, Truant Officer.

# SCHOOL COMMITTEE FINANCIAL STATEMENT, 1916

## RECEIPTS

### GENERAL ACCOUNT:

Appropriation from tax levy . . . . .	\$48,150 00	
From Agricultural Account, overhead charges . . . . .	476 28	
Tuition from North Reading . . . . .	2,184 00	
Tuition from Middleton . . . . .	24 00	
Tuition from Commonwealth . . . . .	368 00	
Rent of John St. Schoolhouse . . . . .	36 00	
From telephones and sundries . . . . .	27 75	
Refund from McAdams & Co. . . . .	5 98	
Refund from G. W. Marshall . . . . .	1 00	
Refund from A. B. Reid . . . . .	72	
Refund from Boston & Maine R. R. . . . .	16 00	
	<hr/>	
Total receipts, General Account		\$51,289 73

### SPECIAL ACCOUNTS:

1. Agriculture:		
Appropriation from tax levy . . . . .	\$1,500 00	
Reimbursement from Commonwealth . . . . .	729 17	
Tuition from North Reading . . . . .	563 00	
Tuition from Wakefield . . . . .	150 00	
Tuition from Stoneham . . . . .	991 00	
Tuition from Wilmington . . . . .	262 00	
Tuition from Middleton . . . . .	36 00	
Total receipts, Agricultural Account . . . . .	<hr/>	4,231 17
2. Painting High School . . . . .		200 00
3. Painting Union St. School . . . . .		160 00
4. For fire protection . . . . .		650 00

5. Tuition to Industrial Schools . . . .	\$350 00
6. Transportation of pupils . . . .	500 00
7. Grouard House . . . .	3,000 00
8. Schoolhouse extension . . . .	15,000 00
	<hr/>
Grand total receipts, all accounts	\$75,370 90

## EXPENDITURES, SUMMARY OF TOTALS

General Account . . . .	\$51,748 77
Less deficit . . . .	459 15
	<hr/>
	\$51,289 62

## SPECIAL ACCOUNTS:

1. Agricultural Account . . . .	\$4,231 17
2. Painting High School . . . .	200 00
3. Painting Union St. School . . . .	150 00
4. For Fire Protection . . . .	650 00
5. Tuition to Industrial Schools . . . .	337 46
6. Transportation of Pupils . . . .	500 00
7. Grouard House . . . .	3,000 00
8. Schoolhouse Extension . . . .	14,855 69
	<hr/>
	\$75,213 84

## UNEXPENDED BALANCES:

General Account . . . .	\$ 11
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## Special Accounts:

5. Tuition to Industrial Schools . . . .	12 54
8. Schoolhouse Extension . . . .	144 41
	<hr/>
Total unexpended balance . . . .	157 06
	<hr/>
	\$75,370 90

# SCHOOL COMMITTEE EXPENDITURES, CLASSIFIED

		EXPENDED, 1913	EXPENDED, 1914	EXPENDED, 1915	EXPENDED, 1916
<b>General Account:</b>					
1	Teachers' and Supt.'s salaries . . .	\$28,510 27	\$28,463 70	\$30,989 43	\$35,584 81
2	Janitors' salaries . . .	3,276 00	3,474 50	3,540 00	3,603 00
3	Other salaries:				
	Truant Officer . . .	150 00	104 00	104 00	102 00
	Medical Inspector . . .	200 00	200 00	200 00	200 00
	Census Enumerator . . .	100 00	65 00	50 00	
		<hr/>	<hr/>	<hr/>	<hr/>
		\$450 00	\$369 00	\$354 00	\$302 00
4	Transportation of pupils . . .	367 25	850 00	1,046 25	883 44
5	Tuition paid . . .	227 80	408 50	14 14	78 00
6	Books . . .	1,274 48	1,291 17	1,353 20	1,696 67
7	Supplies for pupils . . .	1,914 29	1,771 34	2,354 40	2,812 06
8	Apparatus for teaching . . .	6 60	290 00	190 71	193 96
9	General Expense:				
	a Printing and advertising	135 19	157 51	185 74	191 43
	b Office supplies, stationery	50 80	40 39	90 47	22 39
	c Telephones . . .	136 27	124 46	138 13	256 11
	d School Com. expenses . . .	87 75	30 80	23 96	26 82
	e Supt.'s expenses . . .	21 85	4 65		17 50
	f Law enforcement and police service . . .	4 00			
	g Lectures, public meetings	37 44		10 00	
	h Insurance . . .			193 00	
		<hr/>	<hr/>	<hr/>	<hr/>
		\$473 30	\$357 81	\$641 30	\$514 15

# SCHOOL COMMITTEE EXPENDITURES (Continued)

		EXPENDED 1913	EXPENDED 1914	EXPENDED 1915	EXPENDED 1916
10	Fuel . . . . .	\$2,937 43	\$3,153 74	\$3,108 99	\$3,666 09
11	Building Maintenance:				
	a Light . . . . .	211 73	147 06	215 95	292 22
	b Water . . . . .	244 84	291 76	276 38	315 94
	c Removal of ashes . . . . .	43 15	122 01	93 25	118 96
	d Janitors' Supplies . . . . .	385 87	397 24	422 99	500 45
		\$885 59	\$958 07	\$1,007 57	\$1,227 56
12	Repairs:				
	a Buildings . . . . .	1,687 99	313 03	913 73	1,363 83
	b Furniture . . . . .	140 98	232 18	255 43	155 37
	c Grounds . . . . .	403 12	163 35	119 50	168 83
		\$2,232 09	\$1,208 61	\$1,288 66	\$1,688 03
		\$48,055 10	\$42,596 44	\$45,889 25	\$52,248 77
	Less Unpaid Bills:				
	Books . . . . .	.	.	\$235 65	
	Supplies . . . . .	.	.	223 50	\$459 15
					\$51,789 62





# DETAIL OF EXPENDITURES, 1916 — GENERAL SCHOOL ACCOUNT

## TRANSPORTATION OF PUPILS:

Adams, George, transportation . . .	\$32 50	
Bay State Street Railway Co., ticket books . . . . .	285 94	
Borthwick, James, transportation . . .	65 00	
	<hr/>	\$383 44

## TUITION—TRUANT SCHOOL:

Middlesex County, tuition . . . . .	78 00
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## BOOKS:

Adams, John Q. & Co., books . . . . .	\$14 50
Allyn & Bacon, books . . . . .	203 44
American Book Co., books . . . . .	81 90
American Express Co., expressage . . .	6 86
Babb, E. E. & Co., books . . . . .	432 02
Barnard, F. J. Co., rebinding books . . .	31 68
Barnes, A. S. Co., books . . . . .	2 67
Century Co., books . . . . .	6 11
Cummings Express, expressage . . . . .	21 29
DeWolfe & Fiske, book . . . . .	3 60
Dictionary of Thoughts Pub. Co., books . . . . .	7 80
Ditson, Oliver Co., music . . . . .	27 92
The M. W. Dunton Co., books . . . . .	1 50
Frontier Press Co., dictionary . . . . .	6 85
Funk & Wagnalls Co., books . . . . .	17 20
Ginn & Co., books . . . . .	348 86
Heath, D. C. & Co., books . . . . .	63 07
Houghton, Mifflin Co., books . . . . .	95 14
Little, Brown & Co., books . . . . .	48 10
Lyons & Carnahan, books . . . . .	36 78
MacMillan Co., books . . . . .	12 34
Merrill, Charles C. Co., books . . . . .	7 46
Old Corner Book Store, books . . . . .	7 50
The Palmer Co., books . . . . .	1 44
Pontes Publishing Co., books . . . . .	5 70
Rand, McNally & Co., books . . . . .	16 38

Rosen's Talking Machine Shops, books . . . . .	\$36 00	
Sanborn, Benj. H. & Co., books . .	23 01	
Scott, Foresman Co., books . . .	72 00	
Silver, Burdett & Co., books . . .	25 92	
University of Chicago Press, books .	5 73	
Ward, Artemas, encyclopedia . .	7 00	
Whitcomb & Barrows, books . . .	60 97	
Wilson, H. W. Co., books . . . .	2 80	
World Book Co., books . . . . .	25 41	
	<hr/>	\$1,685 67

## SUPPLIES FOR PUPILS:

Adams Co., cheese cloth . . . .	\$1 25
American Express Co., expressage .	16 04
Atkinson, Mentzer & Co., paper . .	12 80
Atkinson, George Co., supplies . .	79 22
Babb, E. E. & Co., supplies . . . .	529 81
Bailey, J. W., supplies . . . . .	2 30
Becker, Peter, supplies . . . . .	5 50
Borthwick, James, expressage . . .	3 00
Carter, Clarence E., town plans . .	13 50
Carters' Ink Co., coupon book . . .	7 50
Central Scientific Co., stop watch .	9 11
Chapin, E. H., dry cells . . . . .	35
Charles, M. F., supplies . . . . .	17 56
Cummings' Express, expressage . .	48 91
Oliver Ditson Co., music . . . . .	21 41
Educational Associates, charts . . .	11 00
Francis Bros., supplies . . . . .	2 18
Hammett, J. L. Co., supplies . . . .	758 23
Hill, Smith & Co., supplies . . . .	18 35
Hodson Bros., supplies . . . . .	16 05
Johnson, Geo. T. Co., toilet paper .	21 00
Knott, L. E. Apparatus Co., sup- plies . . . . .	39 84
Lapex, A. R. & Bro., buttons . . . .	7 10
Macey-Stetson-Morris Co., supplies .	49 50
Matthewson, Mabel I., supplies . .	9 61
McAdams, William M. L., supplies .	13 69

McArdle, H. B., supplies . . .	\$8 50
McIntosh, D. O., supplies . . .	25 52
Metcalf Store, supplies . . .	3 40
Milton, Bradley Co., supplies . . .	406 76
Moulton, O. W. H. Co., ladder . . .	3 00
Mostyle Co., supplies . . .	26 60
National Express Co., freight . . .	1 39
Oxley, Olarence, supplies . . .	28 18
Parker & Page, supplies . . .	248 32
Pilgrim Press, hymn tablets . . .	5 36
Pratt's, Daniel, Sons, clocks . . .	17 50
Reid, W. B. & Co., desk stands . . .	1 44
Rich, W. A., cod fat . . .	45
Scott, Foresman & Co., exercises . . .	19 00
Stewart & Robertson, dowels . . .	90
Symonds, O. P. & Sons, jobbing . . .	1 50
Van Buskirk, J. B., supplies . . .	13 48
Wadsworth, Howland & Co., supplies . . .	28 08
Wallace, F., supplies . . .	28 26
Ward, Samuel, supplies . . .	6 46
Wilkinson, A. J. & Co., supplies . . .	153 38
Willis, W. H., supplies . . .	61 47
	<hr/>
	\$2,811 56

## APPARATUS FOR TEACHING:

Knott, L. E. Apparatus Co., supplies . . .	\$7 65
Remington Typewriter Co., shields . . .	1 40
Rosen's Talking Machine, cortina outfit . . .	30 00
Royal Typewriter Co., supplies . . .	10 00
Thompson, A. T. & Co., supplies . . .	38 70
Whittal, Tatum Co., apparatus . . .	90 69
Wright & Ditson, dumb bells . . .	15 52
	<hr/>
	\$193 96

## . PRINTING AND ADVERTISING:

Turner, Wilbur, pictures . . .	\$7 50
Twombly, W. E. & J. F., printing . . .	183 93
	<hr/>
	191 43

## OFFICE SUPPLIES AND STATIONERY:

Macey-Stetson-Morris Co., supplies	\$26 31	
McAdams, Wm. M. L., supplies	5 98	
	<hr/>	\$32 29

## TELEPHONES:

N. E. Tel. & Tel. Co., telephones		256 11
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## SCHOOL COMMITTEE EXPENSES:

Gilmore, Agnes M., ribbon for diplomas	\$12 00	
Vale, Anita, engrossing diplomas	12 25	
Wright & Potter Printing Co., ledger sheets	2 57	
	<hr/>	26 82

## SUPERINTENDENT'S EXPENSES:

Safford, A. L., expenses		17 50
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## FUEL:

Bancroft, Wendell & Co.	\$492 19	
Berry, D. W., teaming	5 75	
Boston & Maine R. R., freight	976 32	
Hanscom, E. O., teaming	91 87	
Russell Coal Co., coal	1,540 50	
Sewell, Daniel, wood	3 00	
Sweetser, P. N., coal and teaming	488 55	
Wakefield, Charles, wood	5 50	
Zwicker, Jason, fuel	13 00	
	<hr/>	3,616 68

## LIGHT:

Municipal Light Board, lights	\$222 22	
Malden & Melrose Gas Light Co., gas	70 00	
	<hr/>	292 22

## WATER:

Reading Water Works, water		315.94
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## REMOVAL OF ASHES:

Burke, Joseph	\$3 15	
Oummings Express	108 30	
Zanni, Angelo	7 50	
	<hr/>	118 95

## JANITORS' SUPPLIES :

Atkinson, G. H. Co., supplies . . .	\$17 32
Burton, A. & E. Co., brushes . . .	52 75
Breck, Joseph & Sons, supplies . . .	11 83
Dallman, H. I. Co., supplies . . .	15 00
Eastern School Specialty Co., floor spray . . . . .	25 00
Hannaford, Mrs. Margaret, brooms . . .	4 75
Houghton & Dutton, ash cans . . .	5 88
Jameson, Frank, supplies . . .	22 75
Johnson, Geo. T. Co., paper and towels . . . . .	52 25
Marshall, Geo. W., repairs . . .	1 00
Masury-Young Co., supplies . . .	60 25
N. E. Petroleum Co., supplies . . .	10 75
Ordway, O. O., supplies . . .	3 25
Orona Mfg. Co., supplies . . .	14 25
Stone & Forsyth Co., supplies . . .	49 25
Talbot Chemical Co., supplies . . .	18 00
Wakefield Chemical Co., supplies . . .	32 30
Wallace, Fred, supplies . . .	60 00
Wilkinson, A. J. & Co., supplies . . .	21 08
Worcester, G. H. & Co., supplies . . .	82 19

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 \$500 45

## REPAIRS

## BUILDING :

Allen Shade Holder Co., shades . . .	\$88 00
Bailey, J. W. & Sons Co., lumber . . .	17 84
Bancroft, Wendell & Co., repairs, etc. . . . .	36 21
Clapp, R. D., repairs . . . . .	328 87
Clapp & Leach, labor and supplies . . .	76 18
Eames, L. T., repairing bells . . .	1 50
Fife, T. O., repairs . . . . .	362 56
Francis Bros., repairs . . . . .	166 87
Hanscom, E. O., cleaning cesspools . . .	10 00
Hodge Boiler Works, repairing boiler . . . . .	11 76
Hodson Bros., repairs . . . . .	95 83

Johnson, H. R., repairs . . . .	\$43 90	
Morgan, Hugh, repairs . . . .	40 95	
Murphy, James, repairs . . . .	2 50	
O'Brien Awning Co., recovering awnings . . . . .	35 00	
Pittsburgh Plate Glass Co., glass .	25 93	
Standard Electric Time Co., repairs	9 93	
Stock, Geo. O., cleaning cesspools	7 50	
Surette, Frank, labor . . . .	2 50	
	<hr/>	\$1,363 83

## FURNITURE:

American Seating Co. . . . .	\$12 00	
Edgerley & Bessom, chairs . . .	3 50	
Green, K., repairing baseballs . .	1 00	
Heywood Bros. & Wakefield Co. .	5 75	
Hill, Smith Co., supplies . . . .	1 20	
Jackson, Chas. S., reseating chairs	3 00	
Jackson & Newton Co., drawer cases . . . . .	6 00	
Kenney Bros. & Wolkins . . . .	25 50	
Kissock, Frances, table . . . .	5 00	
Ladd, Frederick A., piano tuning and repairs . . . . .	19 25	
Lansing, E. H., benches . . . .	16 80	
Marshall, George W., lawn mower sharpened . . . . .	1 00	
Masury-Young Co., valve for sprayer	1 25	
Miller, Henry F. & Sons Piano Co., tuning piano . . . . .	3 10	
Neostyle Co., charges sending neostyle . . . . .	25	
Pratt's, Daniel, Sons, clocks . . .	6 50	
Prescott & Co., bldg. maintenance	6 00	
Standard Electric Time Co., in- stalling and ribbons . . . .	18 39	
Underwood Typewriter Co., tables and repairing machines . . . .	8 98	
Warren-Allen Carpet Co., line . .	9 90	
Woburn Carpet Cleaning Works, cleaning rug . . . . .	1 00	
	<hr/>	155 37

## GROUNDS:

Borthwick, Jas. W., transportation	\$4 00	
Carter, M. M., dressing . . . .	24 00	
Devaney, Mathew, labor . . . .	63 00	
Manning, J. W., grading and shrubs	64 83	
McLeod, Herbert, loam and dressing	9 00	
Sweetser, P. N., hauling loam . .	4 00	
	<hr/>	\$168 83

## SPECIAL APPROPRIATIONS

## FIRE PROTECTION:

Eames, L. T., repairs . . . . .	\$12 84	
Fife, T. C. . . . .	168 40	
	<hr/>	\$181 24

## TRANSPORTATION:

Bay State Street Ry. Co. . . . .	500 00
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## TUITION:

City of Boston . . . . .	\$12 71	
Middlesex County . . . . .	26 00	
City of Somerville . . . . .	175 00	
Town of Wakefield . . . . .	190 00	
	<hr/>	403 71

## AGRICULTURE:

American Book Co., books . . . .	\$14 40	
American Chem. and Man. Co., supplies . . . . .	2 48	
Anker Printing Co., cards . . . .	5 39	
Babb, E. E. & Co., books . . . .	40 88	
Bancroft, W. & Co., lumber . . . .	32 24	
Bristol County Agricultural School, supplies . . . . .	7 50	
Central Scientific Co., supplies . .	107 58	
Christiansen, J. L., photographs . .	6 15	
Clarke, W. B. Co., books, supplies	4 67	
Cyphers Incubator Co., incubator .	16 30	
Eames, L. T., repairs . . . . .	15 14	
Francis Bros., supplies . . . . .	6 85	



Frost & Adams, supplies . . .	\$5 50
General Fireproofing Co., supplies	35 95
Ginn & Co., books . . . . .	56 43
Harvard Coop. Society, Inc., tables	3 15
Heywood Bros., furniture . . .	33 55
Hoard's Dairyman, subscription .	75
Knott, L. E. App. Co., supplies . .	103 98
Lea & Febiger, books . . . . .	4 00
Locke, Arthur T., lumber . . . .	16 31
Macey-Stetson-Morris Co., supplies	15 00
Manifold Mfg. Co., supplies . . .	8 00
Market Growers' Journal, subscrip- tion . . . . .	1 00
Meserve, H. M. & Co., supplies . .	8 85
Moss, Charles E. O., supplies . . .	40 53
Orpin Bros., desks . . . . .	40 00
Silver, Burdett & Co., books . . .	6 62
Standard Electric Time Co., wiring and ins'alling . . . . .	5 48
Ward, Artemas, encyclopedia . . .	7 00
Whitall, Tatum Co., supplies . . .	6 45
Wilkinson, A. J. & Co. . . . .	72 77

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**\$730 90**
**BUILDING APPROPRIATIONS:**

Adden & Parker, architects . . .	\$100 00
Allen Shade Co., shades . . . . .	153 20
Clapp & Leach, elec. equipment . .	125 00
Ellenwood, Louis, labor . . . . .	15 35
Fife, T. O., repairs and heating . .	922 00
Francis Bros., plumbing and heat	705 51
Heywood Bros. & Wakefield Co., furniture . . . . .	580 00
Hodson Bros., painting . . . . .	310 00
Johnson, H. R., moving Grouard House . . . . .	1,400 00
Orpin Brothers, furniture . . . . .	70 00
Pratt's, Daniel, Sons, clocks . . .	26 00
Prescott & Co., supplies . . . . .	36 00

Stewart & Robertson, contractors	\$1,308 50
Sidebottom, George H., architect's	
fees . . . . .	534 53
Stokes, H. D., repairs . . . .	286 05
	<hr/> \$14,885 59

## PAINTING HIGH SCHOOL:

Stokes, Harry D. . . . .	\$200 00
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## PAINTING UNION ST. SCHOOL:

Stokes, Harry D. . . . .	\$150 00
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## GROUARD HOUSE:

Johnson, H. R. . . . .	\$1,622 66
Manning, J. W. . . . .	273 64
Poor, Howard W. . . . .	975 00
Stokes, H. D. . . . .	128 70
	<hr/> \$3,000 00

## LETTER OF TRANSMITTAL ACCOMPANYING BUDGET FOR 1917

TO THE HONORABLE, THE FINANCE COMMITTEE OF THE TOWN  
OF READING, MASS. :

GENTLEMEN—Estimates for the budget of the School Committee for the fiscal year of 1917 are submitted herewith for your consideration and recommendations.

Several conditions have operated to increase materially the fixed charges for the maintenance of the schools for the year of 1917. In view of this fact, the School Committee foregoes any request for money for additional teachers, for the extension of the work of the schools in any direction or for any increase in salaries other than the regular annual advancement for experience as provided in the Schedule of Teachers' Salaries adopted two years ago with the endorsement of your Honorable Board.

The method of estimating the budget of the Agricultural Department has been modified to bring it into closer accord with the general budget and to make chargeable to that department the cost of instruction for all of the subjects included in the curriculum as defined by the State Board of Education, and also a proportionate part of the general supplies and overhead charges of the High School. While a considerable portion of these amounts would still have to be expended if the agricultural department were discontinued nevertheless it seemed correct bookkeeping to have each department bear its legitimate burden of overhead expenses and other costs of maintenance.

The first item of the budget, Teachers' Salaries, represents as in other recent years the largest item of increase, amounting to \$4,125.19. This increase arises from two sources: 1st, the addition of four new teachers to the

corps last September with salaries aggregating \$2,600, and second, the gradual approach to the maximum salaries provided in the schedule adopted two years ago. Eight teachers are already receiving maximum salaries, twelve teachers will reach the maximum this year, and fourteen more next year. As changes in the corps tend to prevent the whole corps from being at the maximum salary, at the same time the maximum expenditure under the present salary schedule will probably be reached next year. The amount estimated for teachers' salaries for 1917 is made up as follows: salaries in force Jan. 1, 1917, as per schedule attached, \$38,050, additional amount to meet the requirements of the regular advancement in September as provided in the schedule of Teachers' Salaries, \$1,100, amount estimated as necessary to provide substitutes, \$400; total for general account \$39,550; salaries for agricultural account, \$3,175; total salary estimate \$42,725.

Items two and three are practically the same as last year. Although we are paying more for janitor service at the Lowell Street, Prospect Street and Chestnut Hill Schoolhouses, a saving has been effected at the Centre and Union Street Schoolhouses that offsets the increases.

Item 4, Transportation of pupils is based on actual conditions at the present time and not on the sums expended last year. The whole matter of transportation has been investigated and systematized with the purpose of equalizing the privileges for all parts of the town. The price of tickets on the Bay State Street Railway has been increased 20%, that is from two and one half to three cents per ticket, also a larger number of pupils than last year are attending school from Haverhill Street and vicinity. The estimate is made up as follows: 85 pupils at \$12 each, \$1,020; automobile service from Haverhill Street, \$280 a year; tickets for pupils from Chestnut Hill attending classes in Manual Training and Sewing at Highland School, \$50, total \$1,350.

Item 5, is for pupils at the Truant School. There are two there at present and more are likely to be added. \$200 is considered necessary for this purpose.

Item 6, Books, shows an increase over previous years for three reasons. First, the opening of several new rooms makes necessary a considerable number of books that we have been able to provide only in part in 1916, owing to lack of funds; second, the condition of the geographies throughout the Town is very bad and many of them must be replaced; and third, all book publishers have advanced the price of school books. The estimate of 1,975 is conservative and will not wholly meet present needs.

Item 7, Supplies for Pupils, is considerably increased but not in proportion to the advance in prices. Most grades of school papers have more than doubled in price. Some staple articles, such as ink powders, have increased fourfold and some articles are difficult to obtain at any price. The practice of a rigid economy will be necessary in order to make this estimate of \$3,700 suffice.

Item 8 is based on actual estimates of articles required for immediate use.

Item 9 is increased slightly to cover increased cost of printing, stationery and other supplies.

Item 10, Fuel, is a problem. During the year 1916 we were fortunate in obtaining a favorable contract but deliveries have been slow and uncertain. Present local prices are double the contract price. The estimate of \$4,500 is made on the assumption that our present contractor will supply us at the contract price until next June, and that we can secure a new contract at an advance of not more than \$2.00 per ton. The present contract is at the rate of \$4.90 per long ton, f. o. b. Reading, and we pay 50 cents per ton for teaming to the schoolhouses. We have been unable to get a shipment of coal during the last three weeks and have not secured a reliable price for next summer's supply. In view of these facts, the amount estimated is very conservative.

Item 11, Building Maintenance, is increased barely enough to cover increased prices in nearly every direction.

The price of removing ashes was recently advanced 20% and 33 1-3% increase was asked for. We have four more rooms than last year to supply and care for. Floor oil has advanced 40%, paper towels one-third, and toilet paper at least 50%.

Item 12, Repairs, is estimated at the same amount as was spent last year, although the prices of materials and labor have increased, and we have already had two considerable items of expense under this head this year, in repairs to the boiler at Chestnut Hill and in necessary changes in the science room at the Highland School. If this item were increased a thousand dollars, the money could be prudently and economically expended at once.

The deficit of \$460 was occasioned by the unexpected advance in the cost of fuel and all kinds of materials, by the added cost of opening the four new rooms, for which nothing special was included in last year's budget, by the increased size of the science classes, particularly advanced Physics and advanced Chemistry in the High School, and by certain unforeseen expenses in the repairs and alterations of the buildings. These additional expenses were in part offset by unusually large receipts. The deficit represents the balance.

The special items for scientific apparatus are based on definite requirements for work already begun which will of necessity be greatly hampered, or brought to a standstill, if this very conservative amount is not made available.

The lighting fixtures for the several schools are felt to be a necessity for safety and for the well-being of pupils and teachers. Also without them it is difficult for the janitors to take proper care of the buildings.

The payment of tuition to Industrial Schools is made compulsory by state law whether a special appropriation is made or not. We have no choice in the matter.

These estimates have been prepared with the greatest care with a constant purpose to reduce them to the lowest

point possible without seriously impairing or interrupting the work of the schools. We therefore hope that your Honorable Board will recommend to the Town the appropriation of the amount specified.

Very respectfully submitted by order of the  
School Committee,

ADELBERT L. SAFFORD, Supt. of Schools.

Reading, Mass., Feb. 12, 1917.



# SCHOOL COMMITTEE ESTIMATES FOR 1917

EXPENDED 1916	GENERAL ACCOUNT	GENERAL	AGRICULTURE	TOTAL
\$38,599 81	1 Teachers' and Supt's. salaries . . .	\$39,550	\$3,175	\$42,725
3,603 00	2 Janitors' salaries . . .	3,500	125	3,625
	3 Other Salaries:			
302 00	Truant Officer and Medical Inspector	330	20	350
883 44	4 Transportation of pupils . . .	1,350		1,350
78 00	5 Tuition paid . . .	200		200
1,884 27	6 Books . . .	1,700	275	1,975
3,132 53	7 Supplies for pupils . . .	3,550	150	3,700
318 71	8 Apparatus for teaching . . .	500	250	750
514 15	9 General expense . . .	560	40	600
3,666 09	10 Fuel . . .	4,300	200	4,500
1,227 56	11 Building maintenance . . .	1,425	75	1,500
1,794 10	12 Repairs . . .	1,710	90	1,800
		<hr/>	<hr/>	<hr/>
\$56,003 66		\$58,675	\$4,400	\$63,075
	SPECIAL ACCOUNTS—APPROPRIATIONS REQUESTED			
	To pay deficit of 1916 . . .			\$460
	Scientific Apparatus:			
	High School Physics' Laboratory . . .		\$300	
	Highland School, General Science . . .		200	500

Lighting Fixtures:

Lowell Street, Prospect Street, Chestnut Hill, Highland

\$337 46

Tuition to Industrial Schools . . . . .

\$500

350

Total appropriation required for 1917

350 00

Painting High and Union Street Schools

650 00

Fire Protection

\$64,885

Total expenditure for 1916

\$57,381 12

Estimated receipts:

General account . . . . .

\$2,450

Agricultural account . . . . .

2,300

Net cost for 1917 . . . . .

4,750

\$60,135



**Accountant's Report**  
OF THE  
**RECEIPTS AND PAYMENTS**  
OF THE  
**TOWN OF READING**



Classified as Prescribed by the Bureau of Statistics, Schedule A

FOR THE  
**Year Ending December 31, 1916**

## RECEIPTS

## SCHEDULE A—I

FISCAL YEAR ENDING DEC. 31, 1916

## REVENUE

## GENERAL

## I TAXES

1 Taxes Property . . . .	\$144,762 70
2 Poll . . . . .	3,816 00
3 Corporation . . . . .	9,680 99
4 Street Railway . . . . .	2,130 53
5 Bank . . . . .	806 95
6 Other . . . . .	328 35

## II LICENSES

7 Licenses . . . . .	280 00
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## III FINES AND FORFEITS

8 Court . . . . .	117 00
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## IV GRANTS AND GIFTS

9 From State for Education	
(a) Industrial School . . . . .	729 17
10 County, Dog Licenses . . . . .	622 08

## V ALL OTHER GENERAL REVENUE

11 Overlays . . . . .	2 20	
	<hr/>	\$163,275 97

## COMMERCIAL REVENUE

## VI SPECIAL ASSESSMENTS

12 Moth Extermination . . . . .	\$2,325 78
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## VII PRIVILEGES

13 Street Railway . . . . .	2,894 33	
	<hr/>	\$5,220 11

## VIII DEPARTMENTAL

14 General Government . . . . .	\$139 71
15 Protection of Persons and Property . . . . .	117 37
16 Health and Sanitation . . . . .	277 74
17 Highways . . . . .	227 39

<i>Amount carried forward</i> . . . . .		<hr/>	\$168,496 08
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## RECEIPTS—Continued

## SCHEDULE A—I

<i>Amount brought forward</i>	.	.		\$168,496 08
18 Charities	.	.	.	\$3,997 09
19 Soldiers' Benefits	.	.	.	2,138 00
20 Schools	.	.	.	4,811 70
21 Libraries	.	.	.	105 00
22 Unclassified	.	.	.	411 67
			<hr/>	\$12,225 67
IX PUBLIC SERVICE ENTERPRISES				
23 Electric	.	.	.	\$76,715 57
24 Water	.	.	.	25,716 94
X CEMETERIES				
25 Cemetery	.	.	.	1,090 16
XI INTEREST ACCOUNT	.	.	.	2,912 92
Premiums	.	.	.	129 24
			<hr/>	106,564 83
				<hr/>
				\$287,286 58

## NON-REVENUE

## XII OFFSETS TO OUTLAYS

## I DEPARTMENTAL

1 Highways . . . \$2,281 08

XIII CEMETERIES . . . 910 00

## XIV MUNICIPAL INDEBTEDNESS

2 Temporary Loans . . 175,000 00

3 General . . . 37,525 00

4 Public Service Enterprises 12,000 00

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227,716 08

## V AGENCY TRANSACTIONS

## Agency

a State Tax . . . \$13,360 00

b County Tax . . . 8,621 76

c All others . . . 2,083 71

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24,065 47

VI REFUNDS . . . 62 06

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Total Receipts . . . \$539,130 19

# PAYMENTS SCHEDULE A—I

FISCAL YEAR ENDING DEC. 31, 1916

## MAINTENANCE

### I DEPARTMENTAL

1	General Government	.	\$10,871	09	
2	Protection to Persons and				
	Property	.	26,115	71	
3	Health and Sanitation	.	3,200	86	
4	Highways	.	26,048	57	
5	Charities	.	10,442	94	
6	Soldiers' Benefits	.	2,455	50	
7	Schools	.	56,834	26	
8	Libraries	.	1,878	37	
9	Recreation	.	1,020	30	
10	Unclassified	.	2,583	03	
					<hr/> \$141,450 63

### II PUBLIC SERVICE ENTERPRISES

11	Electric	.	\$58,084	07	
12	Water	.	12,958	55	
					<hr/> 71,042 62

III	CEMETERIES	.			2,279 63
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### IV INTEREST

13	Temporary Loans	.	\$3,392	00	
14	General Loans	.	2,186	50	
15	Trust Funds	.	217	28	
16	Public Service Enterprises	.	10,764	99	
17	All others	.	196	41	
					<hr/> 16,757 18

### V MUNICIPAL INDEBTEDNESS

18	General	.			19,700 00
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*Amount carried forward* . . . \$251,230 06



## PAYMENTS—Continued

## SCHEDULE A—I

*Amount brought forward* . . . \$251,230 06

## VI OUTLAYS

## II DEPARTMENTAL

19 General Government . . .	\$98 10	
20 Protection to Persons and Property . . .	11,781 78	
21 Sanitation . . .	300 00	
22 Highways . . .	16,702 62	
23 Charities . . .	447 50	
24 Schools . . .	18,049 55	
25 Libraries . . .	891 69	
26 Recreation . . .	299 90	
	<hr/>	48,571 14

III UNCLASSIFIED . . . 9,050 00

## VII PUBLIC SERVICE ENTERPRISES

27 Electric . . .	\$15,549 18	
28 Water . . .	5,624 66	
	<hr/>	21,173 84

VIII CEMETERIES . . . 446 11

## IX MUNICIPAL INDEBTEDNESS

29 Temporary Loans . . .	\$165,000 00	
30 Public Service Enterprises	16,800 00	
	<hr/>	181,800 00

## X AGENCY TRANSACTIONS

## 31 Agency

a State Tax . . .	\$13,360 00	
b County Tax . . .	8,621 76	
c All others . . .	2,083 71	
	<hr/>	24,065 47

XI REFUNDS . . . 62 06

Total Payments . . .	<hr/>	\$536,398 68
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# RECAPITULATION — RECEIPTS SCHEDULE A—II

## REVENUE

Current Charges . . . . .	\$287,286 58
Offsets to Outlays . . . . .	3,191 08
Municipal Indebtedness . . . . .	224,525 00
Agency Transactions . . . . .	24,065 47
Refunds . . . . .	62 06
	<hr/>
Total Receipts . . . . .	\$539,130 19
Balance on hand Dec. 31, 1915 . . . . .	5,436 84
	<hr/>
	\$544,567 03

# RECAPITULATION — PAYMENTS

## CURRENT CHARGES AGAINST REVENUE

Maintenance and Interest . . . . .	\$231,530 06
Debt . . . . .	19,700 00
Outlays . . . . .	96,041 09
Temporary Loans . . . . .	165,000 00
Agency Transactions . . . . .	24,065 47
Refunds . . . . .	62 06
	<hr/>
Total Payments . . . . .	\$536,398 68
Balance on hand Dec. 31, 1916 . . . . .	8,168 35
	<hr/>
	\$544,567 03

# RECEIPTS SCHEDULE A—III

SOURCES OF RECEIPTS	Revenue for Expenses	Revenue for Outlays	Total
<b>General Revenue</b>			
1 TAXES			
CURRENT YEAR			
1 Property . . . . .	\$94,984 48		
2 Poll . . . . .	2,346 00		
PREVIOUS YEARS			
3 Property . . . . .	49,778 22		
4 Poll . . . . .	1,470 00		
FROM THE STATE			
5 Corporation . . . . .	9,680 99		
6 Street Railway . . . . .	2,130 53		
7 Bank . . . . .	806 95		
8 Soldiers' Redemption . . . . .	158 62		
9 Wellington Bridge . . . . .	169 73		
Total from Taxes . . . . .	\$161,525 52		\$161,525 52
2 LICENSES AND PERMITS			
10 Permits . . . . .	\$280 00		
Total from Permits . . . . .	\$280 00		280 00
3 FINES AND FORFEITS			
11 Court . . . . .	\$117 00		
Total from Fines and Forfeits . . . . .	\$117 00		117 00
4 GRANTS AND GIFTS			
15 From State for Education			
(a) Aid to Indust'al Schools . . . . .	\$729 17		
16 From County, Dog Licenses . . . . .	622 08		
Total from Grants and Gifts . . . . .	\$1,351 25		1,351 25
5 ALL OTHER GEN. REVENUE			
17 Overlays . . . . .	\$2 20		
Total from all other Gen. Rev. . . . .	\$2 20		2 20
<b>Commercial Revenue</b>			
6 SPECIAL ASSESSMENTS			
18 Moth Extermination . . . . .	\$2,325 78		
Total from Special Assessm'ts . . . . .	\$2,325 78		2,325 78
7 PRIVILEGES			
19 Public Service . . . . .	\$2,894 33		
Total from Privileges . . . . .	\$2,894 33		2,894 33
Total forward . . . . .			\$168,496 08

## RECEIPTS

## SCHEDULE A—III—Continued

SOURCES OF RECEIPTS	Revenue for Expenses	Offsets to Outlays	Total
Total forward . . .			\$168,496 08
8 DEPARTMENTAL			
8A GENERAL GOVERNMENT			
20 Selectmen . . . .	\$4 50		
21 Collector . . . .	8 00		
22 Assessors . . . .	13 95		
23 Other Finance Accounts .	113 26		
Total from Gen'l Government	\$139 71		\$139 71
Total forward . . .			\$168,635 79

# PAYMENTS SCHEDULE A—III—Continued

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
1 DEPARTMENTAL			
1A GENERAL GOVERNMENT			
LEGISLATIVE			
1 Moderator			
(Salary) . . . . .	\$65 00		
EXECUTIVE			
2 Selectmen			
(a) Salaries . . . . .	500 00		
(b) Other Expenses . . . . .	203 01		
FINANCIAL			
3 Accountant			
(a) Salary . . . . .	750 00		
(b) Other Expenses . . . . .	100 00		
4 Treasurer			
(a) Salary . . . . .	600 00		
(b) Other Expenses . . . . .	199 76		
5 Collector			
(a) Salary . . . . .	1,188 72		
(b) Other Expenses . . . . .	199 30		
6 Assessors			
(a) Salaries . . . . .	1,150 00		
(b) Other Expenses . . . . .	1,386 17		
7 Law			
(a) Salary . . . . .	500 00		
8 Town Clerk			
(a) Salary . . . . .	150 00		
(b) Other Expenses . . . . .	268 72		
9 Election and Registration			
(a) Salaries . . . . .	130 00		
(b) Other Expenses . . . . .	763 71		
10 Other General Departments			
(a) Miscellaneous Expenses . . . . .	566 58		
(b) Insurance . . . . .	1,647 64		
11 Town Building			
(a) Expenses . . . . .	502 48	\$98 10	
Total for General Government	\$10,871 09	\$98 10	\$10,969 19
Total forward . . . . .			\$10,969 19

# **RECEIPTS** **SCHEDULE A—III—Continued**

SOURCES OF RECEIPTS	Revenue for Expenses	Offsets to Outlays	Total
Total forward . . . .			\$168,635 79
8B PROTECTION OF PERSONS AND PROPERTY			
FIRE DEPARTMENT			
24 Sale of Materials . . . .	\$24 73		
INSPECTION			
25 Sealing Weights and Meas- ures . . . . .	40 32		
FORESTRY			
26 Tree Warden . . . .	50 00		
27 Forest Warden . . . .	2 32		
Total from Protection of Per- sons and Property . . . .	\$117 37		117 37
8C HEALTH AND SANITATION			
28 Contagious Diseases . . . .	\$277 74		
Total from Health and Sanit'n	\$277 74		277 74
Total forward . . . .			\$169,030 90

## PAYMENTS

## SCHEDULE A—III—Continued

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Total forward . . .			\$10,969 19
1B PROTECTION OF PERSONS AND PROPERTY			
POLICE DEPARTMENT			
12 Salaries and Wages . .	\$5,091 90		
13 Other Expenses . . .	474 31		
FIRE DEPARTMENT			
14 Salaries and Wages . .	3,178 00		
20 Horse Hire . . . .	617 50		
21 Equipment . . . .		\$9,500 00	
22 Hydrant Rentals . . .	5,940 00		
23 Other Expenses . . . .	3,565 91		
24 Station Alterations . .		1,781 78	
25 New Hose . . . . .		500 00	
26 Repairs to Alarm . . .	387 11		
INSPECTION			
27 Inspection of Buildings .	215 87		
28 Inspection of Wires . . .	100 00		
29 Sealer Weights and Measures	218 26		
FORESTRY			
30 Insect Pest Extermination .	5,489 80		
31 Tree Warden . . . .	539 83		
32 Forest Fires . . . . .	297 22		
Total for Protection of Per- sons and Property . . .	\$26,115 71	\$11,781 78	37,897 49
1C HEALTH AND SANITATION			
HEALTH			
33 General Administration . .	\$250 00		
34 Contagious Diseases . . .	924 25		
35 Other Expenses . . . .	262 58		
INSPECTION			
(a) Inspection of Animals . .	125 00		
(b) Inspect'n of Slaughtering	100 00		
(c) Inspection of Plumbing . .	600 00		
SANITATION			
37 Sewers . . . . .	939 03		
38 Sewer Construction . . . .		\$300 00	
Total for Health and Sanita'n	\$3,200 86	\$300 00	3,500 86
Total forward . . . . .			\$52,367 54



## RECEIPTS

## SCHEDULE A—III—Continued

SOURCES OF RECEIPTS	Revenue for Expenses	Offsets to Outlays	Total
Total forward . . .			\$169,030 90
8D HIGHWAYS			
29 General . . . . .	\$9 80	\$2,281 08	
30 Construction . . . . .			
31 Sidewalks . . . . .	163 04		
32 Miscellaneous . . . . .	54 55		
Total from Highways . . .	\$227 39	\$2,281 08	2,508 47
8E CHARITIES			
33 Town Home			
(a) Sale of Produce and Stock	\$938 10		
(b) Board . . . . .	165 00		
34 Reimbursem't for Relief Given			
(a) From Other Cities and Towns . . . . .	49 40		
(b) From the State . . . . .	355 16		
35 Reimbursement for Mothers' Aid			
(a) From Cities and Towns . . . . .	566 34		
(b) From the State . . . . .	1,821 99		
36 Miscellaneous . . . . .	101 10		
Total from Charities . . .	\$3,997 09		3,997 09
8F SOLDIERS' BENEFITS			
37 State Aid . . . . .	\$1,938 00		
38 Soldiers' Burials . . . . .	200 00		
Total from Soldiers' Benefits	\$2,138 00		2,138 00
Total forward . . . . .			\$177,674 46

## PAYMENTS

## SCHEDULE A—III—Continued

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Total forward . . . .			\$52,367 54
1D HIGHWAYS			
39 General Administration . . .	\$996 04		
40 General Highway . . . .	12,080 86		
41 Construction . . . .		\$14,186 34	
42 Sidewalks . . . .		1,517 90	
43 Snow and Ice Removal . . .	2,936 28		
44 Sprinkling:			
(a) Water . . . .	498 99		
(b) Oiling . . . .	2,961 56		
45 Lighting . . . .	5,000 00		
46 Other Expenses . . . .	150 00		
47 Stone Crusher . . . .		998 38	
48 Stone Crusher, Stone Account	1,424 84		
Total for Highways . . . .	\$26,048 57	\$16,702 62	42,751 19
1E CHARITIES			
49 General Administration . . .	\$300 00		
50 Town Home . . . .	3,520 19	\$447 50	
51 Outside Relief . . . .	1,809 35		
52 Relief Given by Other Cities	54 00		
and Towns . . . .	4,365 57		
53 Relief by State . . . .	275 85		
54 Mothers' Aid:			
(a) Relief by Town . . .	1,246 74		
(b) Relief by State . . .	1,592 23		
(c) Relief by Towns and Cities	988 53		
55 Hospitals . . . .	219 50		
Total for Charities . . . .	\$10,442 94	\$447 50	10,890 44
1F SOLDIERS' BENEFITS			
56 State Aid . . . .	\$1,789 50		
57 Soldier's Burial . . . .	50 00		
58 Soldiers' Relief . . . .	616 00		
Total for Soldiers' Benefits . .	\$2,455 50		2,455 50
Total forward . . . .			\$108,464 67

## RECEIPTS

## SCHEDULE A—III—Continued

SOURCES OF RECEIPTS	Revenue for Expenses	Offsets to Outlays	Total
Total forward . . . .			\$177,674 46
8G SCHOOLS			
39 Tuition State Wards . . .	\$368 00		
40 Other Tuition . . . . .	2,274 25		
41 Miscellaneous . . . . .	87 45		
42 Agricultural, Cities and Towns	2,082 00		
Total from Schools . . .	\$4,811 70		4,811 70
8H LIBRARIES			
43 Fines and Sales . . . . .	\$105 00		
Total from Libraries . . .	\$105 00		105 00
8I RECREATION			
Total from Recreation . . .			
Total forward . . . . .			\$182,591 16

## PAYMENTS

## SCHEDULE A—III—Continued

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Total forward . . . .			\$108,464 67
1G SCHOOLS			
59 General Expenses:			
(a) Administrative Salaries . . . .	\$3,834 89		
(b) Other Salaries . . . .	302 00		
60 Teachers' Salaries . . . .	35,584 81		
61 Text Books and Supplies . . . .	4,048 58		
62 Tuition . . . .	481 71		
63 Transportation . . . .	883 44		
64 Janitors' Services . . . .	3,603 00		
65 Fuel and Light . . . .	3,666 09		
66 Maintenance of Buildings and Grounds . . . .	1,577 36		
67 New Buildings . . . .		\$17,855 59	
68 Furniture . . . .		193 96	
69 Fire Protection . . . .	650 00		
70 Other Expenses . . . .	2,202 18		
Total for Schools . . . .	\$56,834 26	\$18,049 55	74,883 81
1H LIBRARIES			
71 Salaries . . . .	\$534 73		
72 Books and Periodicals . . . .	459 58		
73 Binding . . . .	70 70		
74 Fuel and Light . . . .	234 71		
75 New Building . . . .		\$891 69	
76 Other Expenses . . . .	578 65		
Total for Libraries . . . .	\$1,878 37	\$891 69	2,770 06
1I RECREATION			
77 Parks and Gardens:			
(a) Rent of Playground . . . .	\$342 00		
(b) Care of Common . . . .	78 30		
(c) Mayall Park . . . .		\$299 90	
78 Celebrations:			
(a) Fourth of July . . . .	400 00		
(b) Band Concerts . . . .	200 00		
Total for Recreation . . . .	\$1,020 30	\$299 90	1,320 20
Total forward . . . .			\$187,438 74

## RECEIPTS

## SCHEDULE A—III—Continued

SOURCES OF RECEIPTS	Revenue for Expenses	Offsets to Outlays	Total
Total forward . . . -			\$182,591 16
8J UNCLASSIFIED			
44 Taxes on Property Taken .	\$366 67		
45 Parker Tavern Income .	45 00		
Total from Unclassified .	\$411 67		411 67
9 PUBLIC SERVICE ENTERPRISES			
46 Electric			
(a) Income from Sale of Light and Power . . . .	\$68,028 11		
(b) Miscellaneous . . . .	3,687 46		
(c) Street Lighting . . . .	5,000 00		
47 Water			
(a) Income from Water . . . .	25,231 63		
(b) Miscellaneous . . . .	485 31		
Total from Public Service Enterprises . . . .	\$102,432 51		102,432 51
10 CEMETERIES			
48 Sale of Lots and Graves .		\$910 00	
49 Care of Lots and Graves .	\$893 75		
50 Interest on Funds . . . .	196 41		
Total from Cemeteries . . .	\$1,090 16	\$910 00	2,000 16
Total forward . . . .			\$287,435 50

## PAYMENTS

## SCHEDULE A—III—Continued

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Total forward . . . .			\$187,438 74
1J UNCLASSIFIED			
79 Not Recorded under Previous Classifications			
(a) Printing Town Reports .	\$692 56		
(b) Revaluation of Town .	600 00		
(c) Parker Tavern . . . .	2 27	\$3,500 00	
(d) Richardson Lot . . . .		5,550 00	
(e) Bank Tax . . . . .	457 05		
(f) Taxes on Property Taken	289 09		
80 Memorial Day . . . . .	225 00		
81 All Others . . . . .	317 06		
Total for Unclassified . . . .	\$2,583 03	\$9,050 00	11,633 03
2 PUBLIC SERVICE ENTERPRISES			
82 Electric			
(a) Maintenance and Operation . . . . .	\$58,084 07		
(b) Construction . . . . .		\$15,549 18	
83 Water			
(a) Maintenance . . . . .	12,958 55		
(b) Construction . . . . .		5,624 66	
Total for Public Service Enterprises . . . .	\$71,042 62	\$21,173 84	92,216 46
3 CEMETERIES			
84 Maintenance . . . . .	\$2,279 63		
85 Improvements . . . . .		\$446 11	
Total for Cemeteries . . . .	\$2,279 63	\$446 11	2,725 74
Total forward . . . . .			\$294,013 97

## RECEIPTS

## SCHEDULE A—III—Continued

SOURCES OF RECEIPTS	Expenses	Offsets to Outlays	Total
Total forward . . . .			\$287,435 50
11 INTEREST			
51 On Deposits . . . .	\$452 57		
52 On Taxes . . . .	2,428 26		
53 Miscellaneous . . . .	32 09		
Total from Interest . . . .	\$2,912 92		2,912 92
12 MUNICIPAL INDEBTED- NESS		Indebtedness	
54 Loans in Anticipation of Revenue . . . .		\$175,000 00	
55 Loans for General Purposes		37,525 00	
56 Premiums . . . .	\$129 24		
57 Loans for Public Service Enterprises . . . .		12,000 00	
Total from Municipal Indebt- edness . . . .	\$129 24	\$224,525 00	\$224,654 24
Total forward . . . .			\$515,002 66



## PAYMENTS

## SCHEDULE A—III—Continued

OBJECTS OF PAYMENTS	Expenses	Outlays	Total
Total forward . . .			\$294,013 97
4 INTEREST			
86 Loans in Anticipation of Revenue . . . .	\$3,392 00		
87 Loans for General Purposes . . . .	2,186 50		
88 Trust Funds Used . . . .	217 28		
89 Public Service Enterprises . . . .	10,764 99		
90 All Others . . . .	196 41		
Total for Interest . . . .	\$16,757 18		\$16,757 18
5 MUNICIPAL INDEBTED- NESS		Indebtedness	
91 Loans in Anticipation of Revenue . . . .		\$165,000 00	
92 Bonds and Notes from Revenue			
(a) General . . . .	\$19,700 00		
(b) Public Service . . . .		16,800 00	
Total for Municipal Indebtedness . . . .	\$19,700 00	\$181,800 00	201,500 00
Total forward . . . .			\$512,271 15

## RECEIPTS

## SCHEDULE A—III—Concluded

SOURCES OF RECEIPTS	Expenses	Temporary Accounts	Total
Total forward . . . .			\$515,002 66
13 AGENCY TRANSACTIONS			
Agency			
58 Taxes			
(a) State . . . .		\$13,360 00	
(b) County . . . .		8,621 76	
59 All Other . . . .		2,083 71	
Total from Agency Transac- tions . . . . .		\$24,065 47	24,065 47
14 REFUNDS			
60 Taxes . . . . .		\$62 06	
Total from Refunds . . . .		\$62 06	62 06
15 BALANCES		Cash Balance	
61 General . . . . .		\$2,566 61	
62 Water Department . . . .		162 62	
63 Electric Light . . . . .		2,707 61	
Total Cash on hand at begin- ning of year . . . .		\$5,436 84	5,436 84
Grand Total Receipts and Cash on hand . . . . .			\$544,567 03

## PAYMENTS

## SCHEDULE A—III—Concluded

OBJECTS OF PAYMENTS	Expenses	Temporary Accounts	Total
Total forward . . . .			\$512,271 15
<b>6 AGENCY TRANSACTIONS</b>			
Agency			
93 Taxes			
(a) State . . . .		\$13,360 00	
(b) County . . . .		8,621 76	
94 All Other . . . .		2,083 71	
Total for Agency Transactions		\$24,065 47	24,065 47
<b>7 REFUNDS</b>			
95 Taxes . . . . .		\$62 06	
Total for Refunds . . . .		\$62 06	62 06
<b>8 BALANCES</b>		Cash Balance	
96 General . . . . .		\$7,647 06	
97 Water Department . . .		236 35	
98 Electric Light Department		284 94	
Total cash on hand at end of year . . . . .		\$8,168 35	8,168 35
Grand Total Payments and Cash on hand . . . . .			\$544,567 03

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